

ECE TYPE-APPROVAL CERTIFICATE



Communication concerning:² ~~Approval granted~~
~~Approval extended~~
~~Approval refused~~
~~Approval withdrawn~~
~~Production definitively discontinued~~

of a component type pursuant to Regulation No. 118.

Approval No: **E24*118R03/01*0208*00**

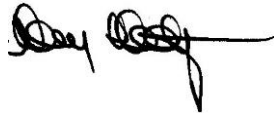
Reason for extension: - *N/A*

SECTION I

- | | | |
|-------|---|---|
| 1.1 | Make (trade name of manufacturer): | <i>Kolpa d. d.</i> |
| 1.2 | Type: | <i>KERROCK</i> |
| | Commercial Descriptions: | <i>Acrylic solid surface material</i> |
| 1.3 | Means of identification of type, if marked on device: | <i>N/A</i> |
| 1.3.1 | Location of that marking: | <i>N/A</i> |
| 1.4 | Name and Address of Manufacturer: | <i>Kolpa d.d.
Rosalnice 5
8330 Metlika
Slovenia</i> |
| 1.5 | Location of the approval mark: | <i>Mark/code printed directly on
product (see annex)</i> |
| 1.6 | Address(es) of assembly plant(s): | <i>Kolpa d.d.
Rosalnice 5
8330 Metlika
Slovenia</i> |

Approval No: E24*118R03/01*0208*00

SECTION II

1. Additional Information (where applicable): see Appendix 1 *See technical report 19M3-01779-00 and manufacturer's information document for details.*
2. Technical service responsible for carrying out the tests: *DEKRA Testing and Certification S.r.l.
Via Fratelli Gracchi, n°27
c.a.p.20092 - Cinisello Balsamo (MI)*
3. Date of test report: *03.10.2019*
4. Number of test report: *19M3-01779-00*
5. Remarks (If any): *N/A*
6. Place: *Dublin.*
7. Date: *7th October, 2019.*
8. Signature: 
9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.



Appendix 1

**Appendix to type approval communication form No. E24*118R03/01*0208*00
concerning the type approval of a component type pursuant to
Regulation No. 118**

1.	Additional information.	<i>See technical report 19M3-01779-00 and manufacturer's information document for details.</i>
1.1.	Interior materials	
1.1.1.	The direction which the component may be installed: horizontal / vertical / both horizontal and vertical direction(s) ¹ .	<i>Horizontal and vertical.</i>
1.1.2.	Fulfil the requirements in paragraph 6.2.2.: yes / not applicable ¹ .	<i>Yes</i>
1.1.3.	Compliance has been checked for components approved as complete devices: yes / no ¹	<i>No.</i>
1.1.4.	Any restrictions of use and installation requirements:	<i>See technical report 0047\ISP\OMLS\17 and manufacturer's information document for details.</i>
1.2.	Insulation materials	
1.2.1.	The direction which the component may be installed: horizontal / vertical / both horizontal and vertical direction(s) ¹	<i>N/A</i>
1.2.2.	Compliance has been checked for components approved as complete devices: yes / no ¹	<i>N/A</i>
1.2.3.	Any restrictions of use and installation requirements:	
1.3.	Electric cables	
1.3.1.	Any restrictions of use and installation requirements:	<i>N/A</i>
2.	Remarks:	<i>N/A</i>

¹ Strike out what does not apply.

Index to the Information Package

Date of issue:	<i>7th October, 2019.</i>
Date of latest amendment:	<i>N/A</i>
Reason for extension/revision:	<i>N/A</i>
1. Additional conditions, and advisory notes on legal alternatives.	
2. Test report(s)	
- numbers(s):	<i>19M3-01779-00</i>
- date of issue:	<i>03.10.2019</i>
- date of latest amendment:	<i>N/A</i>
3. Information document	
- number(s):	<i>INFORMATION DOCUMENT ECE 118R KERROCK_01_09_2019</i>
- date of issue:	<i>10.09.2019</i>
- date of latest amendment:	<i>N/A</i>
Documentation:	<i>34 pages</i>



Approval No: E24*118R03/01*0208*00

Appendix: **Additional conditions, and advisory notes on legal alternatives**

A: Additional conditions:

1. The attached technical report, with any of its attachments, forms part of this Type Approval certificate.
2. Each type from series production shall be to the measurements specified in the attached drawings, and shall be manufactured only from the materials specified in the Approval documents.
3. Changes in the type are permitted only with the explicit permission of NSAI. Breaches of this requirement will lead to a withdrawal of the Type Approval, and in addition may be subject to criminal prosecution.
4. At regular intervals, any tests or associated checks prescribed by the applicable legislation to verify continued conformity with the approved type shall be carried out. The manufacturer shall demonstrate compliance with this by submitting to NSAI evidence of adequate arrangements and documented control plans for each type approved.
5. Any set of samples or test pieces showing evidence of non-conformity shall give rise to further sampling and testing and all steps shall be taken to restore conformity of production.
6. This Type Approval will expire when it is surrendered by the holder, or withdrawn by NSAI, or when the approved type no longer conforms to legal requirements. The recall of the Type Approval can be issued by NSAI when the conditions required for the issuing or continuation of the Type Approval are no longer current, or when the Approval holder is in breach of the duties attached to the Type Approval, or when it is established that the approved type no longer meets the requirements of traffic safety.
7. Changes in the company name, address or manufacturing site, as well as in any of the sales or other agents specified in the issuing of the approval must immediately be notified to NSAI.
8. The duties imposed by the issuing of this certificate are not transferable. The legal protection of third parties is not affected by this certificate.
9. When the manufacture or sale of the system, component or separate technical unit has not been started within one year of the date of issue of this certificate, then NSAI is to be informed. This requirement also applies when the manufacture or sale has been halted for more than one year, or when it ought to have been halted for more than one year. The initial commencement of manufacture or sale, or the resumption of manufacture or sale, shall then be notified to NSAI within one month of commencement or resumption.

B: Legal Options:

Any objection to the requirements set out in this certificate shall be made within one month of the date of issue. The objection shall be made, in writing, to NSAI in Dublin.

Test Report

According to the EC Regulation relating to

UNIFORM TECHNICAL PRESCRIPTIONS CONCERNING THE BURNING BEHAVIOR AND/OT THE CAPABILITY TO REPEL FUEL OR LUBRICANT ON MATERIAL USED IN THE CONSTRUCTION OF CERTAIN CATEGORIES OF MOTOR VEHICLES

ECE 118 Amendment 03 Supplement 1

of 16 October 2018

Approval status	
ECE	Number of approval
	N/A

Reason for Extension : N/A

0. General

0.1. Make (trade name of manufacturer) : Kolpa d.d.

0.2. Type : KERROCK

0.3. Manufacturer's name and address : Kolpa d.d.
Rosalnice 5
8330 Metlika
Slovenia

0.4.1. Name and address of the
manufacturer's representative : --

0.5. Information folder

No. : KERROCK_01_09_2019

Date of issue : 10/09/2019

Date of last change : N/A

1. Test object(s)

1.1. Description :

1.2. Remarks : none

2. Test record

2.1 Equipment for measuring and testing : LAPI Fire prevention laboratory
ACCREDIA certified EN 17025

Parameter of the test area : See Appendix 1

2.2. Test Results : See Appendix 1

2.3. Other information

Place of testing : Prato (IT)

Date of testing : 25/07/2019

2.4. Remarks : N/A

3. Appendices

1. Appendix : Test record (2 sheets)

4. Statement of conformity

The information folder as mentioned under No. 0.5. and the type described therein are - i n c o m p l i a n c e - with the Test Specification mentioned above.

The described component is in compliance with the test specification mentioned above.

The Test Report comprises pages 1 to 2.

The Test Report shall be reproduced and published in full only and by the client only. It shall be reproduced partially with the written permission of the Test Laboratory only.

TEST LABORATORY

appointed as Technical Service Category B by NSAI

Cinisello Balsamo (MI), 03.10.2019



Dipl.-Ing. Marco Vignolo
Type Approval Engineer



Enrico Elmi
Technical responsible

Tel.: +39 02 89929090 – Fax: +39 02 89929200 – e-mail: info.automotive.it@dekra.com



ISP N°054 E
Membro di MLA EA, MRA ILAC
Signatory of EA MLA, ILAC MRA

Test Laboratory appointed as Technical Service,
Category B by NSAI

Certificate of Appointment N° 94 issued by NSAI

DEKRA Testing and Certification S.r.l.
Via Fratelli Gracchi, n°27
c.a.p.20092 - Cinisello Balsamo (MI)
P.IVA – C.F.: 02894270962
www.dekra.it

Test record

Appendix 1

0. General

0.1 Selection of the part : worst case

0.2 Further informations : --

I. Technical data

1. Component

1.1 Trade name of the manufacturer : Kolpa d.d.

1.2 Type : KERROCK

2. Equipment

2.1 : As prescribed on Annex VI , VII and VIII of Regulation

3. Test conditions

3.1 Instrumentation : As prescribed on Annex VI . VII and VIII of Regulation

4. TEST RESULTS		
4.0 General condition	:	The component was selected with shape and quantity prescribed by the Regulation ECE 118 R 03/01. The test procedure passing from amendment 02 to the 03 one add small modifications that do not change the test results, and the last amendment it is taken into account from LAPI laboratory. There were tested specimens with the lower (6 mm.) and higher (12 mm.) thickness to cover all the production thickness variants
4.1 Test to determine the horizontal burning rate (6 mm.)	:	See the annexed test report 1385.6MT0030/19
4.2 Test to determine the melting behaviour (6 mm.)	:	See the annexed test report 1385.6MT0020/19
4.3 Test to determine the vertical burning rate (6 mm.)	:	See the annexed test report 1385.6MT0010/19
4.4 Test to determine the horizontal burning rate (12 mm.)	:	See the annexed test report 1386.6MT0030/19
4.5 Test to determine the melting behaviour (12 mm.)	:	See the annexed test report 1386.6MT0020/19
4.6 Test to determine the vertical burning rate (12 mm.)	:	See the annexed test report 1386.6MT0010/19
5.0 Annex	:	Test reports of LAPI laboratory
6.0 Conclusion	:	The component fulfil the requirements for what concern the burning behavior following the ECE Regulation 118 amend.03 Supplement 01

RAPPORTO DI PROVA NO. 1385.6MT0030/19

Test Report no.

METODO DI PROVA:

Test method

Regolamento 118 UNECE [2015/622] GU CE L102 21/04/2015

Allegato VI

DENOMINAZIONE DELLA PROVA:

Description of the standard

Velocità di combustione orizzontale dei materiali

Speed of horizontal combustion of materials

RICHIEDENTE:

Sponsor

KOLPA d.d.

Rosalnice 5

8330 METLIKA, Slovenia

DENOMINAZIONE DEL MATERIALE:

Denomination of the material

KERROCK

SPESSORE NOM. E PESO DEL MATERIALE: 6 mm - 10220 g/m²

Nominal thick. and weight of the material

DATA RICEVIMENTO CAMPIONI:

Date of samples receipt

12/07/2019

Il presente Rapporto di Prova è costituito da / This Test Report consists of:

- no. 4 pagine (compresa la presente) / no. 4 pages (including this one).
- no. 2 allegati / no. 2 annexes.

I risultati riportati in questo Rapporto si riferiscono esclusivamente al materiale sottoposto a prova fornito dal Richiedente (rif. codice Laboratorio no. 1385/19). Un campione del materiale è stato conservato dal Laboratorio.

The results reported in this Test report refer exclusively to the material submitted to test and supplied by the Sponsor (Ref. Laboratory code no. 1385/19). A sample of the material has been retained by the Laboratory.

Prato, 30/07/2019

Il Direttore del Laboratorio
The Director of the Laboratory

Dr. Luca Ermini



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DESCRIZIONE DEL MATERIALE

Description of the material

Aspetto: lastra in materiale con superficie in acrilico solido, di colore grigio, con le superfici lisce.

Colore: **1093 pirite (effetto granito).**

Appearance: grey slab made of acrylic solid surface material, with smooth surfaces.

Colour: **1093 pyrite (granite effects).**

Composizione (*): 60% ATH (idrossido di alluminio) in polvere e 40% Resina PMMA.

Composition (): 60% ATH (aluminium hydroxide) powder and 40% PMMA resin.*

Spessore nominale / Nominal thickness (*): 6 mm. - Colore / Colour (*): grigio / grey.

Peso / Weight (*): 10220 g/m². - Densità / Density (*): 1680÷1750 kg/m³.

Lato esposto (*): indifferente, materiale a facce uguali.

Side exposed (): either, the material has two identical sides.*

Impiego (*): rivestimenti, piani cucina, lavabi, lavelli da cucina.

End use (): wall claddings, kitchen worktops, wash basins, kitchen sinks.*

(*) - Informazioni fornite dal Richiedente / Information supplied by the Sponsor.

Nota: per la composizione ed i dati tecnici di dettaglio si rimanda alle schede di controllo di lavorazione gestite dal Richiedente.

Note: for the composition and the detailed technical data, refer to the sheets of workmanship control managed by the Sponsor.

DESCRIZIONE DELLA PROCEDURA DI CAMPIONAMENTO

Description of the sampling procedure

Il campionamento dei provini del prodotto è stato effettuato a cura del Richiedente dal lotto di produzione n° A-248, 4231 c/o lo stabilimento di Kolpa d.d. sito in Rosalnice 5 - 8330 METLIKA, Slovenia, il 4 Luglio 2019 (vedi dichiarazione allegata).

Il Laboratorio non è stato coinvolto in alcuna operazione di campionamento della produzione.

The sampling of the product has been effected by the Sponsor from the production batch n° A-248, 4231 c/o the factory of Kolpa d.d. located in Rosalnice 5 - 8330 METLIKA, Slovenia, on 4th July 2019 (see declaration annexed).

The Laboratory has not been involved in any sampling procedure of the material from the production.

PREPARAZIONE, CONDIZIONAMENTO E CONDUZIONE DELLA PROVA

Preparation, conditioning and test procedure

I provini nelle dimensioni richieste dal metodo sono stati preparati dal Richiedente e sono stati condizionati e sottoposti a prova come previsto dal metodo in oggetto.

Numero di provini sottoposti a prova: 5

The specimens of the dimensions required of the method have been prepared by the Sponsor and have been conditioned and submitted to test according to the standard in object.

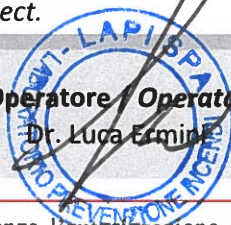
Number of samples tested: 5

LUOGO E DATA PROVA: Prato, 25/07/2019

Place and test date

Operatore / Operator

Dr. Luca Ermine



RISULTATI / RESULTS

Provino Specimen no.	S	t	Velocità di combustione Speed of combustion B (mm/min)	Lunghezza distrutta Burn length (mm)	Postcombustione Afterflame time (s)
1	///	///	N/A	N/A	0
2	///	///	N/A	N/A	0
3	///	///	N/A	N/A	0
4	///	///	N/A	N/A	0
5	///	///	N/A	N/A	0

Legenda:

S: spazio percorso dalla fiamma / Length travelled by the flame (mm)

t: tempo impiegato dalla fiamma per percorrere la distanza S / Time needed for the flame to travel distance S, s

B: velocità di combustione / Speed of combustion = $60 \cdot S/t$ (mm/min)

N/A: non applicabile in quanto non si ha propagazione della fiamma / Not applicable as the flame does not spread.

Nota: la velocità di combustione è per definizione pari a 0 mm/min in quanto la fiamma non raggiunge il primo traguardo; non si osserva lunghezza distrutta, si osserva solamente lieve decolorazione nella zona di contatto della fiamma.

Note: the speed of combustion is by definition equal to 0 mm/min as the flame does not reach the first reference mark; destroyed length is not observed, it is observed only slight decoloration in the zone of contact of the flame.

VALUTAZIONE DEI RISULTATI

Evaluation of the results

Poiché il valore della velocità di propagazione della fiamma B è inferiore a 100 mm/min, il campione in esame **SODDISFA** i requisiti della norma in oggetto.

As the value of the speed of combustion B is lower than 100 mm/min, the sample **SATISFIES** the requirements of the standard in object.

LUOGO E DATA PROVA: Prato, 25/07/2019
Place and test date

Operatore / Operator
Dr. Luca Ermini



Foto / Photos



Foto 1: prima della prova / Picture 1: before testing



Foto 2: dopo la prova / Picture 2: after testing

LUOGO E DATA PROVA: Prato, 25/07/2019
Place and test date

Operatore / Operator
Dr. Luca Ermini



RAPPORTO DI PROVA NO. 1385.6MT0020/19

Test Report no.

METODO DI PROVA:

Test method

Regolamento 118 UNECE [2015/622] GU CE L102 21/04/2015
Allegato VII

DENOMINAZIONE DELLA PROVA:

Description of the standard

Determinazione comportamento alla fusione dei materiali
Determination of melting behaviour of the materials

RICHIEDENTE:

Sponsor

KOLPA d.d.
Rosalnice 5
8330 METLIKA, Slovenia

DENOMINAZIONE DEL MATERIALE:

Denomination of the material

KERROCK

SPESSORE NOM. E PESO DEL MATERIALE: 6 mm - 10220 g/m²

Nominal thick. and weight of the material

DATA RICEVIMENTO CAMPIONI:

Date of samples receipt

12/07/2019

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The results reported in this Test report refer exclusively to the material submitted to test and supplied by the Sponsor (Ref. Laboratory code no. 1385/19). A sample of the material has been retained by the Laboratory.

Prato, 30/07/2019

Il Direttore del Laboratorio
The Director of the Laboratory
Dr. Luca Brimicombe



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DESCRIZIONE DEL MATERIALE

Description of the material

Aspetto: lastra in materiale con superficie in acrilico solido, di colore grigio, con le superfici lisce.

Colore: **1093 pirite (effetto granito).**

Appearance: grey slab made of acrylic solid surface material, with smooth surfaces.

Colour: **1093 pyrite (granite effects).**

Composizione (*): 60% ATH (idrossido di alluminio) in polvere e 40% Resina PMMA.

Composition (*): 60% ATH (aluminium hydroxide) powder and 40% PMMA resin.

Spessore nominale / Nominal thickness (*): 6 mm. - Colore / Colour (*): grigio / grey.

Peso / Weight (*): 10220 g/m². - Densità / Density (*): 1680±1750 kg/m³.

Lato esposto (*): indifferente, materiale a facce uguali.

Side exposed (*): either, the material has two identical sides.

Impiego (*): rivestimenti, piani cucina, lavabi, lavelli da cucina.

End use (*): wall claddings, kitchen worktops, wash basins, kitchen sinks.

(*): - Informazioni fornite dal Richiedente / Information supplied by the Sponsor.

Nota: per la composizione ed i dati tecnici di dettaglio si rimanda alle schede di controllo di lavorazione gestite dal Richiedente.

Note: for the composition and the detailed technical data, refer to the sheets of workmanship control managed by the Sponsor.

DESCRIZIONE DELLA PROCEDURA DI CAMPIONAMENTO

Description of the sampling procedure

Il campionamento dei provini del prodotto è stato effettuato a cura del Richiedente dal lotto di produzione n° A-248, 4231 c/o lo stabilimento di Kolpa d.d. sito in Rosalnice 5 - 8330 METLIKA, Slovenia, il 4 Luglio 2019 (vedi dichiarazione allegata).

Il Laboratorio non è stato coinvolto in alcuna operazione di campionamento della produzione.

The sampling of the product has been effected by the Sponsor from the production batch n° A-248, 4231 c/o the factory of Kolpa d.d. located in Rosalnice 5 - 8330 METLIKA, Slovenia, on 4th July 2019 (see declaration annexed).

The Laboratory has not been involved in any sampling procedure of the material from the production.

PREPARAZIONE, CONDIZIONAMENTO E CONDUZIONE DELLA PROVA

Preparation, conditioning and test procedure

I provini nelle dimensioni richieste dal metodo sono stati preparati dal Richiedente e sono stati condizionati e sottoposti a prova come previsto dal metodo in oggetto.

Numero di provini sottoposti a prova: 4

The specimens of the dimensions required of the method have been prepared by the Sponsor and have been conditioned and submitted to test according to the standard in object.

Number of samples tested: 4

LUOGO E DATA PROVA: Prato, 25/07/2019

Place and test date

Operatore / Operator
Dr Luca Ermini



RISULTATI / RESULTS

Provino Specimen n.	Caduta gocce Falling drops		Accensione ovatta di cotone grezzo Cotton wool ignition		Note / Osservazioni Notes / Observation
	SÌ / YES	NO	SÌ / YES	NO	
1		X		X	Non si osserva caduta di gocce o pezzi accesi o spenti Falling of drops or pieces burning or not burning is not observed
2		X		X	Non si osserva caduta di gocce o pezzi accesi o spenti Falling of drops or pieces burning or not burning is not observed
3		X		X	Non si osserva caduta di gocce o pezzi accesi o spenti Falling of drops or pieces burning or not burning is not observed
4		X		X	Non si osserva caduta di gocce o pezzi accesi o spenti Falling of drops or pieces burning or not burning is not observed

VALUTAZIONE DEI RISULTATI

Evaluation of the results

Il campione in esame **SODDISFA** i requisiti della norma in oggetto in quanto non si verifica accensione dell'ovatta di cotone da parte di gocce provenienti dai provini.

The samples under examination **SATISFIES** the requirements of the standard in object as cotton wool ignition is not observed from drops falling from the specimens.

Foto / Photos

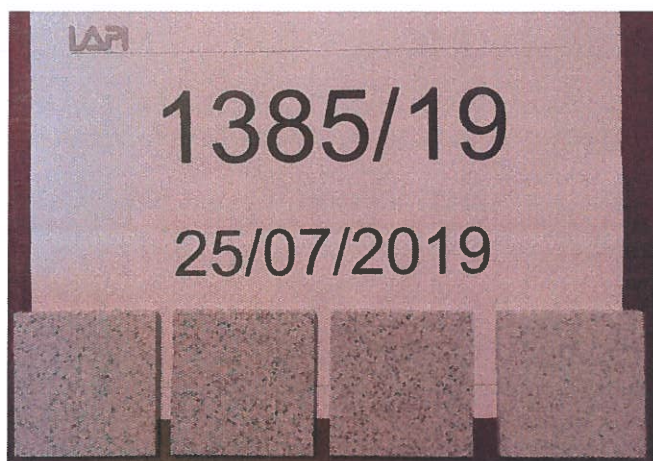


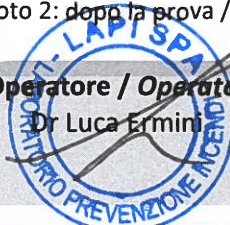
Foto 1: prima della prova / Picture 1: before testing



Foto 2: dopo la prova / Picture 2: after testing

LUOGO E DATA PROVA: Prato, 25/07/2019
Place and test date

Operatore / Operator
Dr Luca Ermini



RAPPORTO DI PROVA NO. 1385.6MT0010/19

Test Report no.

METODO DI PROVA:

Test method

Regolamento 118 UNECE [2015/622] GU CE L102 21/04/2015
Allegato VIII

DENOMINAZIONE DELLA PROVA:

Description of the standard

Velocità di combustione verticale dei materiali
Speed of vertical combustion of the materials

RICHIEDENTE:

Sponsor

KOLPA d.d.
Rosalnice 5
8330 METLIKA, Slovenia

DENOMINAZIONE DEL MATERIALE:

Denomination of the material

KERROCK

SPESSORE NOM. E PESO DEL MATERIALE: 6 mm - 10220 g/m²

Nominal thick. and weight of the material

DATA RICEVIMENTO CAMPIONI:

Date of samples receipt

12/07/2019

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Prato, 30/07/2019

Il Direttore del Laboratorio
The Director of the Laboratory
Dr. Luca Ermini



1 / 4

DESCRIZIONE DEL MATERIALE

Description of the material

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Composition (*): 60% ATH (aluminium hydroxide) powder and 40% PMMA resin.

Spessore nominale / Nominal thickness (*): 6 mm. - Colore / Colour (*): grigio / grey.

Peso / Weight (*): 10220 g/m². - Densità / Density (*): 1680±1750 kg/m³.

Lato esposto (*): indifferente, materiale a facce uguali.

Side exposed (*): either, the material has two identical sides.

Impiego (*): rivestimenti, piani cucina, lavabi, lavelli da cucina.

End use (*): wall claddings, kitchen worktops, wash basins, kitchen sinks.

(*) - Informazioni fornite dal Richiedente / Information supplied by the Sponsor.

Nota: per la composizione ed i dati tecnici di dettaglio si rimanda alle schede di controllo di lavorazione gestite dal Richiedente.

Note: for the composition and the detailed technical data, refer to the sheets of workmanship control managed by the Sponsor.

DESCRIZIONE DELLA PROCEDURA DI CAMPIONAMENTO

Description of the sampling procedure

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Il Laboratorio non è stato coinvolto in alcuna operazione di campionamento della produzione.

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The Laboratory has not been involved in any sampling procedure of the material from the production.

PREPARAZIONE, CONDIZIONAMENTO E CONDUZIONE DELLA PROVA

Preparation, conditioning and test procedure

I provini nelle dimensioni richieste dal metodo sono stati preparati dal Richiedente e sono stati condizionati e sottoposti a prova come previsto dal metodo in oggetto.

Numero di provini sottoposti a prova: 3

The specimens of the dimensions required of the method have been prepared by the Sponsor and have been conditioned and submitted to test according to the standard in object.

Number of samples tested: 3

LUOGO E DATA PROVA: Prato, 25/07/2019

Place and test date

Operatore / Operator
Ing. Fabio Crocetta



RISULTATI / RESULTS

Provino Specimen n.	Accensione Ignition		t1 (s)	t2 (s)	t3 (s)	d1 (mm)	d2 (mm)	d3 (mm)	V1 (mm/s)	V2 (mm/s)	V3 (mm/s)
	5s	15s									
1	No	No	///	///	///	///	///	///	0	0	0
2	No	No	///	///	///	///	///	///	0	0	0
3	No	No	///	///	///	///	///	///	0	0	0

Legenda:

ti (s) con i = 1, 2, 3: tempo dall'inizio dell'applicazione della fiamma al distacco del primo, secondo e terzo filo di riferimento.
ti (s) with i = 1, 2, 3: time from the beginning of the application of flame to the severance of the first, second and third wire reference.

di (mm) con i = 1, 2, 3: distanze del primo, secondo e terzo filo di riferimento.

di (mm) with i = 1, 2, 3: distances of the first, second and third wire reference.

Vi (mm/s) con i = 1, 2, 3: velocità di propagazione della fiamma delle distanze di (mm) s.

Vi (mm / s) with i = 1, 2, 3: speed propagation of the flame of the distances (mm) s.

N/A: non applicabile / Not applicable.

Nota: La velocità di propagazione è posta uguale a zero per i provini sottoposti a prova per i quali la fiamma non raggiunge il primo traguardo. Per nessuno dei provini si osserva la propagazione della fiamma.

Note: *The speed propagation is set equal to zero for the specimens tested for which the flame does not reach the first target. For none of the specimens the flame propagation is observed.*

VALUTAZIONE DEI RISULTATI

Evaluation of the results

Poiché il valore della velocità di propagazione della fiamma è inferiore a 100 mm/min, il campione in esame **SODDISFA** i requisiti della norma in oggetto.

*As the value of the speed of combustion is lower than 100 mm/min, the sample **SATISFIES** the requirements of the standard in object.*

LUOGO E DATA PROVA: Prato, 25/07/2019
Place and test date

Operatore / Operator
Ing. Fabio Crocetta



Foto / Photos



Foto 1: prima della prova / Picture 1: before testing

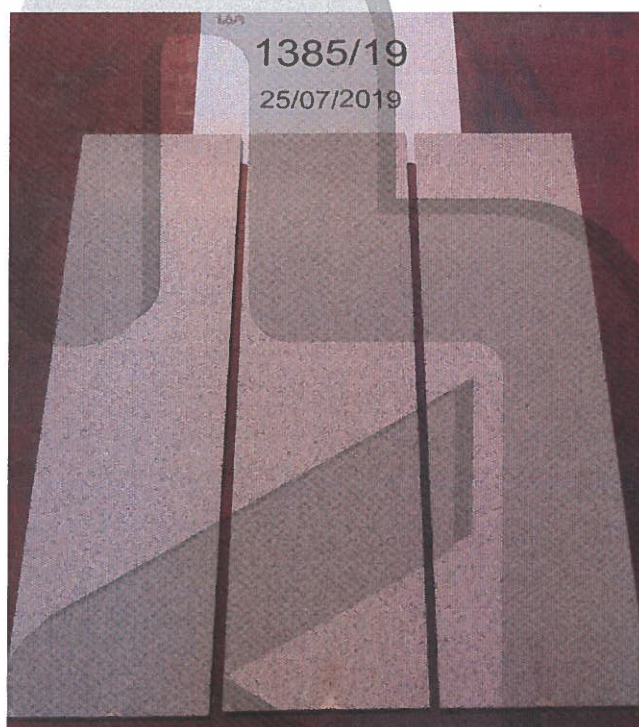


Foto 2: dopo la prova / Picture 2: after testing

LUOGO E DATA PROVA: Prato, 25/07/2019
Place and test date

Operatore / Operator
Ing. Fabio Crocetta





LABORATORY TESTS REQUEST
to send back to LA.P.I. filled in one for each specimen



Responsible Person to contact :

Page 1 / 2

TEST REQUEST HEADING (full address):
Kolpa d.d., Rosalnice 5, 8330 Metlik

INVOICE HEADING (full address):
Kolpa d.d., Rosalnice 5, 8330 Metlika

COMMERCIAL NAME OF THE ARTICLE ¹⁾:

KERROCK

Technical data of the specimen²⁾: (see annexed sheet for stratified and composite materials) COMPOSITE MATERIALS

Composition (%): 60% ATH (aluminium hidroxide) powder and 40% PMMA resin

Appearance: GRANITE

Colour : GREY

Thickness (mm): 6 mm

Weight (g/m²): 10220

Density (kg/m³): 1680-1750

Possible fire retardant treatment: /

The specimen is

Isotropic



Anisotropic

The specimen usually composes a side in view (Yes/No): /

The two sides are identical (Yes/No): yes

If the two sides are not identical, identify which of the two must be tested: /

End use of the article: (CURTAIN, WALL, FLOOR, CEILINGS, etc...) wall claddings, kitchen worktops, wash basins, kitchen sinks

Laying of the article (if stuck specify the type of glue g/m²): /

REQUESTED TESTS ON THE SPECIMEN ^{3) 5)}

Regulation No 118 (offer 13/5/2019)

IN ACCORDANCE TO SPEC. N. ³⁾

REQUEST FOR MEASUREMENT UNCERTAINTY (ANNEXED TO THE TEST REPORT ⁶⁾): YES X NO

NOTES ON THE SPECIMEN (POSSIBLE DEROGATIONS³⁾) : /

TO BE FILLED ONLY IN CASE OF TRANSPORTATION FIELD TESTS : /

SAFETY DATA SHEET	enclosed (Safety data sheet KERROCK SHEET, R:5 (28/6/2019))
TECHNICAL DATA SHEET	enclosed (Material specification No: MS K/01, R:4 (3/9/2018))
BATCH	A-248, 4231 Date 04.07.2019

Date

Stamp and signature of Responsible

04. 07. 2019

Notes (to be read to fill this form):

- 1) The commercial name of the article represents the exact name that will be written on the Test Report . It has to be univocal and match exactly to possible names written on the specimen. LA.P.I reserves itself the right to not accept specimen whose identification is unclear or ambiguous.
- 2) Technical data reported below will be written on the Test Report as indicated by the reference specification. The side to be tested has to be clearly identified, marking it in a suitable way if possible.
- 3) List the tests to perform and their reference methods. If the tests have the purpose to verify the matching of a specimen to a specification, it is useful to mention it in this field and to enclose a copy of the specification. If not specified, we assume the request refers to the latest valid edition of the specification. Indicate in this field possible derogations to the method or supplementary procedures to apply during the test. Every derogation and/or supplementary procedure will be referred and described on the Test Report. In methods expecting a preliminary treatment of the specimen, indicate only if you don't want those treatments to be performed on the sample.
- 4) In case UNI EN ISO 3386 "Resistance to compression of low density materials" has to be effected, the material has to be sent to the Laboratory not before 72 hours from its production.
- 5) The evaluation performed by the Laboratory does not involve the approval of the product neither by the Laboratory nor by the Accreditation Body. Moreover, the mark of the Accreditation Body or any reference to the accreditation of the Laboratory shall not be used by the Customer in any way, and in particular shall not be reported in the product documentation on the product itself. A copy of the Test Report can be attached.
- 6) The Responsibility of LAPI SpA is limited to the value of the activities regarding tests requested
- 7) In case LAPI can not finish the tests for technical reasons attributable to LAPI SpA , tests will not be charged and no recourse in terms of additional costs will be due in respect of LAPI SpA
- 8) LAPI SpA submitted to test a prototype and LAPI is not responsible, in the event of a negative result of the test, of the previous marketing in case of not-compliance.
- 9) The customer / Producer, (who presents and signs the request to perform the laboratory tests) if does not properly and clearly explicit in the data sheets any safety risks arising from simple handling ,conditioning as a result of thermal cycling or destructive tests laboratory on of their own material, is responsible for any damage to people, equipment and property.
- 10) In case of witness to test (when allowed) LAPI is exempted from any responsibility for accidents and damages to people and things could happen during testing due to the material under testing.
- 11) The "Declaration of Measure uncertainty" will be annexed to the Test Report if the test method is under ACCREDIA accreditation and includes a Declaration of conformity.
- 12) Following the acceptance of costs proposed, cancellation of the order involves the payment of 30% of the cost of the test for practice management cost coverage.
- 13) In case of difference of trade names reported in the Tests Request and Sampling modules, the name reported in the Test Request will be considered predominant.



FAC-SIMIL MODEL
TO BE COMPILED ON COMPANY'S HEADED PAPER

The undersigned

Brigita Lukan

in his/her capacity of legal representative of the Company KOLPA d.d.

declares that the sampling named **KERROCK**

and sent to be tested

was taken from the production batch n°

6mm: A-248, 4231

12mm: A-251, 4229

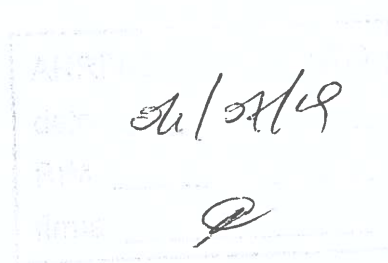
c/o the factory Rosalnice 5, 8330 Metlika
(indicate the address)

on (day:) 04. (month:) 07. (year:) 2019

safety sheet n° (to be annexed with stamping) R:5 (28/6/2019)

technical data sheet n° (to be annexed with stamping) MS K/01 (3/9/2018)

Date. 04.07.2019



NOTE: IF THE REQUIRED DATA WERE NOT AVAILABLE, SUPPLY AS MANY DETAILS AS POSSIBLE IN ORDER TO IDENTIFY THE MATERIAL THE SAMPLING WAS TAKEN FROM

file: prelung.doc

RAPPORTO DI PROVA NO. 1386.6MT0030/19

Test Report no.

METODO DI PROVA:

Test method

Regolamento 118 UNECE [2015/622] GU CE L102 21/04/2015
Allegato VI

DENOMINAZIONE DELLA PROVA:

Description of the standard

Velocità di combustione orizzontale dei materiali
Speed of horizontal combustion of materials

RICHIEDENTE:

Sponsor

KOLPA d.d.
Rosalnice 5
8330 METLIKA, Slovenia

DENOMINAZIONE DEL MATERIALE:

Denomination of the material

KERROCK

SPESSORE NOM. E PESO DEL MATERIALE: 12 mm - 20440 g/m²

Nominal thick. and weight of the material

DATA RICEVIMENTO CAMPIONI:

Date of samples receipt

12/07/2019

- Il presente Rapporto di Prova è costituito da / *This Test Report consists of:*
- no. 4 pagine (compresa la presente) / *no. 4 pages (including this one).*
 - no. 2 allegati / *no. 2 annexes.*
- I risultati riportati in questo Rapporto si riferiscono esclusivamente al materiale sottoposto a prova fornito dal Richiedente (rif. codice Laboratorio no. 1386/19). Un campione del materiale è stato conservato dal Laboratorio.
The results reported in this Test report refer exclusively to the material submitted to test and supplied by the Sponsor (Ref. Laboratory code no. 1386/19). A sample of the material has been retained by the Laboratory.

Prato, 30/07/2019

Il Direttore del Laboratorio
The Director of the Laboratory
Dr. Luca Ermini



1 / 4

DESCRIZIONE DEL MATERIALE

Description of the material

Aspetto: lastra in materiale con superficie in acrilico solido, di colore grigio, con le superfici lisce.

Colore: **1093 pirite (effetto granito).**

Appearance: grey slab made of acrylic solid surface material, with smooth surfaces.

Colour: **1093 pyrite (granite effects).**

Composizione (*): 60% ATH (idrossido di alluminio) in polvere e 40% Resina PMMA.

Composition (): 60% ATH (aluminium hydroxide) powder and 40% PMMA resin.*

Spessore nominale / Nominal thickness (*): 12 mm. - Colore / Colour (*): grigio / grey.

Peso / Weight (*): 20440 g/m². - Densità / Density (*): 1680±1750 kg/m³.

Lato esposto (*): indifferente, materiale a facce uguali.

Side exposed (): either, the material has two identical sides.*

Impiego (*): rivestimenti, piani cucina, lavabi, lavelli da cucina.

End use (): wall claddings, kitchen worktops, wash basins, kitchen sinks.*

(*): - Informazioni fornite dal Richiedente / Information supplied by the Sponsor.

Nota: per la composizione ed i dati tecnici di dettaglio si rimanda alle schede di controllo di lavorazione gestite dal Richiedente.

Note: for the composition and the detailed technical data, refer to the sheets of workmanship control managed by the Sponsor.

DESCRIZIONE DELLA PROCEDURA DI CAMPIONAMENTO

Description of the sampling procedure

Il campionamento dei provini del prodotto è stato effettuato a cura del Richiedente dal lotto di produzione n° A-251, 4229 c/o lo stabilimento di Kolpa d.d. sito in Rosalnice 5 - 8330 METLIKA, Slovenia, il 4 Luglio 2019 (vedi dichiarazione allegata).

Il Laboratorio non è stato coinvolto in alcuna operazione di campionamento della produzione.

The sampling of the product has been effected by the Sponsor from the production batch n° A-251, 4229 c/o the factory of Kolpa d.d. located in Rosalnice 5 - 8330 METLIKA, Slovenia, on 4th July 2019 (see declaration annexed).

The Laboratory has not been involved in any sampling procedure of the material from the production.

PREPARAZIONE, CONDIZIONAMENTO E CONDUZIONE DELLA PROVA

Preparation, conditioning and test procedure

I provini nelle dimensioni richieste dal metodo sono stati preparati dal Richiedente e sono stati condizionati e sottoposti a prova come previsto dal metodo in oggetto.

Numero di provini sottoposti a prova: 5

The specimens of the dimensions required of the method have been prepared by the Sponsor and have been conditioned and submitted to test according to the standard in object.

Number of samples tested: 5

LUOGO E DATA PROVA: Prato, 25/07/2019

Place and test date

Operatore / Operator

Dr. Luca Ermini



RISULTATI / RESULTS

Provino Specimen no.	S	t	Velocità di combustione Speed of combustion B (mm/min)	Lunghezza distrutta Burn length (mm)	Postcombustione Afterflame time (s)
1	///	///	N/A	N/A	0
2	///	///	N/A	N/A	0
3	///	///	N/A	N/A	0
4	///	///	N/A	N/A	0
5	///	///	N/A	N/A	0

Legenda:

S: spazio percorso dalla fiamma / Length travelled by the flame (mm)

t: tempo impiegato dalla fiamma per percorrere la distanza S / Time needed for the flame to travel distance S, s

B: velocità di combustione / Speed of combustion = $60 \cdot S/t$ (mm/min)

N/A: non applicabile in quanto non si ha propagazione della fiamma / Not applicable as the flame does not spread.

Nota: la velocità di combustione è per definizione pari a 0 mm/min in quanto la fiamma non raggiunge il primo traguardo; non si osserva lunghezza distrutta, si osserva solamente lieve decolorazione nella zona di contatto della fiamma.

Note: the speed of combustion is by definition equal to 0 mm/min as the flame does not reach the first reference mark; destroyed length is not observed, it is observed only slight decoloration in the zone of contact of the flame.

VALUTAZIONE DEI RISULTATI

Evaluation of the results

Poiché il valore della velocità di propagazione della fiamma B è inferiore a 100 mm/min, il campione in esame **SODDISFA** i requisiti della norma in oggetto.

As the value of the speed of combustion B is lower than 100 mm/min, the sample **SATISFIES** the requirements of the standard in object.

LUOGO E DATA PROVA: Prato, 25/07/2019
Place and test date

Operatore / Operator
Dr. Luca Ermine



Foto / Photos



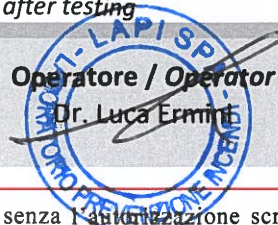
Foto 1: prima della prova / Picture 1: before testing



Foto 2: dopo la prova / Picture 2: after testing

LUOGO E DATA PROVA: Prato, 25/07/2019
Place and test date

Operatore / Operator
Dr. Luca Ermini



RAPPORTO DI PROVA NO. 1386.6MT0020/19

Test Report no.

METODO DI PROVA:

Test method

Regolamento 118 UNECE [2015/622] GU CE L102 21/04/2015
Allegato VII

DENOMINAZIONE DELLA PROVA:

Description of the standard

Determinazione comportamento alla fusione dei materiali
Determination of melting behaviour of the materials

RICHIEDENTE:

Sponsor

KOLPA d.d.
Rosalnice 5
8330 METLIKA, Slovenia

DENOMINAZIONE DEL MATERIALE:

Denomination of the material

KERROCK

SPESSORE NOM. E PESO DEL MATERIALE: 12 mm - 20440 g/m²

Nominal thick. and weight of the material

DATA RICEVIMENTO CAMPIONI:

Date of samples receipt

12/07/2019

- Il presente Rapporto di Prova è costituito da / *This Test Report consists of:*
- no. 3 pagine (compresa la presente) / *no. 3 pages (including this one).*
 - no. 2 allegati / *no. 2 annexes.*
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The results reported in this Test report refer exclusively to the material submitted to test and supplied by the Sponsor (Ref. Laboratory code no. 1386/19). A sample of the material has been retained by the Laboratory.

Prato, 30/07/2019

Il Direttore del Laboratorio
The Director of the Laboratory

Dr. Luca Ermini



1 / 3

DESCRIZIONE DEL MATERIALE

Description of the material

Aspetto: lastra in materiale con superficie in acrilico solido, di colore grigio, con le superfici lisce.

Colore: **1093 pirite (effetto granito).**

Appearance: grey slab made of acrylic solid surface material, with smooth surfaces.

Colour: **1093 pyrite (granite effects).**

Composizione (*): 60% ATH (idrossido di alluminio) in polvere e 40% Resina PMMA.

Composition (*): 60% ATH (aluminium hydroxide) powder and 40% PMMA resin.

Spessore nominale / Nominal thickness (*): 12 mm. - Colore / Colour (*): grigio / grey.

Peso / Weight (*): 20440 g/m². - Densità / Density (*): 1680÷1750 kg/m³.

Lato esposto (*): indifferente, materiale a facce uguali.

Side exposed (*): either, the material has two identical sides.

Impiego (*): rivestimenti, piani cucina, lavabi, lavelli da cucina.

End use (*): wall claddings, kitchen worktops, wash basins, kitchen sinks.

(*): - Informazioni fornite dal Richiedente / Information supplied by the Sponsor.

Nota: per la composizione ed i dati tecnici di dettaglio si rimanda alle schede di controllo di lavorazione gestite dal Richiedente.

Note: for the composition and the detailed technical data, refer to the sheets of workmanship control managed by the Sponsor.

DESCRIZIONE DELLA PROCEDURA DI CAMPIONAMENTO

Description of the sampling procedure

Il campionamento dei provini del prodotto è stato effettuato a cura del Richiedente dal lotto di produzione n° A-251, 4229 c/o lo stabilimento di Kolpa d.d. sito in Rosalnice 5 - 8330 METLIKA, Slovenia, il 4 Luglio 2019 (vedi dichiarazione allegata).

Il Laboratorio non è stato coinvolto in alcuna operazione di campionamento della produzione.

The sampling of the product has been effected by the Sponsor from the production batch n° A-251, 4229 c/o the factory of Kolpa d.d. located in Rosalnice 5 - 8330 METLIKA, Slovenia, on 4th July 2019 (see declaration annexed).

The Laboratory has not been involved in any sampling procedure of the material from the production.

PREPARAZIONE, CONDIZIONAMENTO E CONDUZIONE DELLA PROVA

Preparation, conditioning and test procedure

I provini nelle dimensioni richieste dal metodo sono stati preparati dal Richiedente e sono stati condizionati e sottoposti a prova come previsto dal metodo in oggetto.

Numero di provini sottoposti a prova: 4

The specimens of the dimensions required of the method have been prepared by the Sponsor and have been conditioned and submitted to test according to the standard in object.

Number of samples tested: 4

LUOGO E DATA PROVA: Prato, 25/07/2019

Place and test date

Operatore / Operator
Dr Luca Ermini



RISULTATI / RESULTS

Provino Specimen n.	Caduta gocce Falling drops		Accensione ovatta di cotone grezzo Cotton wool ignition		Note / Osservazioni Notes / Observation
	SÌ / YES	NO	SÌ / YES	NO	
1		X		X	Non si osserva caduta di gocce o pezzi accesi o spenti Falling of drops or pieces burning or not burning is not observed
2		X		X	Non si osserva caduta di gocce o pezzi accesi o spenti Falling of drops or pieces burning or not burning is not observed
3		X		X	Non si osserva caduta di gocce o pezzi accesi o spenti Falling of drops or pieces burning or not burning is not observed
4		X		X	Non si osserva caduta di gocce o pezzi accesi o spenti Falling of drops or pieces burning or not burning is not observed

VALUTAZIONE DEI RISULTATI

Evaluation of the results

Il campione in esame **SODDISFA** i requisiti della norma in oggetto in quanto non si verifica accensione dell'ovatta di cotone da parte di gocce provenienti dai provini.

The samples under examination **SATISFIES** the requirements of the standard in object as cotton wool ignition is not observed from drops falling from the specimens.

Foto / Photos



Foto 1: prima della prova / Picture 1: before testing



Foto 2: dopo la prova / Picture 2: after testing

LUOGO E DATA PROVA: Prato, 25/07/2019
Place and test date

Operatore / Operator
Dr Luca Ermanni



RAPPORTO DI PROVA NO. 1386.6MT0010/19

Test Report no.

METODO DI PROVA:

Test method

Regolamento 118 UNECE [2015/622] GU CE L102 21/04/2015
Allegato VIII

DENOMINAZIONE DELLA PROVA:

Description of the standard

Velocità di combustione verticale dei materiali
Speed of vertical combustion of the materials

RICHIEDENTE:

Sponsor

KOLPA d.d.
Rosalnice 5
8330 METLIKA, Slovenia

DENOMINAZIONE DEL MATERIALE:

Denomination of the material

KERROCK

SPESSORE NOM. E PESO DEL MATERIALE: 12 mm - 20440 g/m²

Nominal thick. and weight of the material

DATA RICEVIMENTO CAMPIONI:

Date of samples receipt

12/07/2019

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 - no. 2 allegati / *no. 2 annexes.*
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The results reported in this Test report refer exclusively to the material submitted to test and supplied by the Sponsor (Ref. Laboratory code no. 1386/19). A sample of the material has been retained by the Laboratory.

Prato, 30/07/2019

Il Direttore del Laboratorio
The Director of the Laboratory
Dr. Luca Ermirni



1 / 4

DESCRIZIONE DEL MATERIALE

Description of the material

Aspetto: lastra in materiale con superficie in acrilico solido, di colore grigio, con le superfici lisce.

Colore: **1093 pirite (effetto granito).**

Appearance: grey slab made of acrylic solid surface material, with smooth surfaces.

Colour: **1093 pyrite (granite effects).**

Composizione (*): 60% ATH (idrossido di alluminio) in polvere e 40% Resina PMMA.

Composition (*): 60% ATH (aluminium hydroxide) powder and 40% PMMA resin.

Spessore nominale / Nominal thickness (*): 12 mm. - Colore / Colour (*): grigio / grey.

Peso / Weight (*): 20440 g/m². - Densità / Density (*): 1680÷1750 kg/m³.

Lato esposto (*): indifferente, materiale a facce uguali.

Side exposed (*): either, the material has two identical sides.

Impiego (*): rivestimenti, piani cucina, lavabi, lavelli da cucina.

End use (*): wall claddings, kitchen worktops, wash basins, kitchen sinks.

(*) - Informazioni fornite dal Richiedente / Information supplied by the Sponsor.

Nota: per la composizione ed i dati tecnici di dettaglio si rimanda alle schede di controllo di lavorazione gestite dal Richiedente.

Note: for the composition and the detailed technical data, refer to the sheets of workmanship control managed by the Sponsor.

DESCRIZIONE DELLA PROCEDURA DI CAMPIONAMENTO

Description of the sampling procedure

Il campionamento dei provini del prodotto è stato effettuato a cura del Richiedente dal lotto di produzione n° A-251, 4229 c/o lo stabilimento di Kolpa d.d. sito in Rosalnice 5 - 8330 METLIKA, Slovenia, il 4 Luglio 2019 (vedi dichiarazione allegata).

Il Laboratorio non è stato coinvolto in alcuna operazione di campionamento della produzione.

The sampling of the product has been effected by the Sponsor from the production batch n° A-251, 4229 c/o the factory of Kolpa d.d. located in Rosalnice 5 - 8330 METLIKA, Slovenia, on 4th July 2019 (see declaration annexed).

The Laboratory has not been involved in any sampling procedure of the material from the production.

PREPARAZIONE, CONDIZIONAMENTO E CONDUZIONE DELLA PROVA

Preparation, conditioning and test procedure

I provini nelle dimensioni richieste dal metodo sono stati preparati dal Richiedente e sono stati condizionati e sottoposti a prova come previsto dal metodo in oggetto.

Numero di provini sottoposti a prova: 3

The specimens of the dimensions required of the method have been prepared by the Sponsor and have been conditioned and submitted to test according to the standard in object.

Number of samples tested: 3

LUOGO E DATA PROVA: Prato, 25/07/2019

Place and test date

Operatore / Operator
Ing. Fabio Crocetta



RISULTATI / RESULTS

Provino Specimen n.	Accensione Ignition		t1 (s)	t2 (s)	t3 (s)	d1 (mm)	d2 (mm)	d3 (mm)	V1 (mm/s)	V2 (mm/s)	V3 (mm/s)
	5s	15s									
1	No	No	///	///	///	///	///	///	0	0	0
2	No	No	///	///	///	///	///	///	0	0	0
3	No	No	///	///	///	///	///	///	0	0	0

Legenda:

ti (s) con i = 1, 2, 3: tempo dall'inizio dell'applicazione della fiamma al distacco del primo, secondo e terzo filo di riferimento.
ti (s) with i = 1, 2, 3: time from the beginning of the application of flame to the severance of the first, second and third wire reference.

di (mm) con i = 1, 2, 3: distanze del primo, secondo e terzo filo di riferimento.

di (mm) with i = 1, 2, 3: distances of the first, second and third wire reference.

Vi (mm/s) con i = 1, 2, 3: velocità di propagazione della fiamma delle distanze di (mm) s.

Vi (mm / s) with i = 1, 2, 3: speed propagation of the flame of the distances (mm) s.

N/A: non applicabile / Not applicable.

Nota: La velocità di propagazione è posta uguale a zero per i provini sottoposti a prova per i quali la fiamma non raggiunge il primo traguardo. Per nessuno dei provini si osserva la propagazione della fiamma.

Note: *The speed propagation is set equal to zero for the specimens tested for which the flame does not reach the first target. For none of the specimens the flame propagation is observed.*

VALUTAZIONE DEI RISULTATI

Evaluation of the results

Poiché il valore della velocità di propagazione della fiamma è inferiore a 100 mm/min, il campione in esame **SODDISFA** i requisiti della norma in oggetto.

*As the value of the speed of combustion is lower than 100 mm/min, the sample **SATISFIES** the requirements of the standard in object.*

LUOGO E DATA PROVA: Prato, 25/07/2019
Place and test date

Operatore / Operator
Ing. Fabio Crocetta



Foto / Photos



Foto 1: prima della prova / Picture 1: before testing

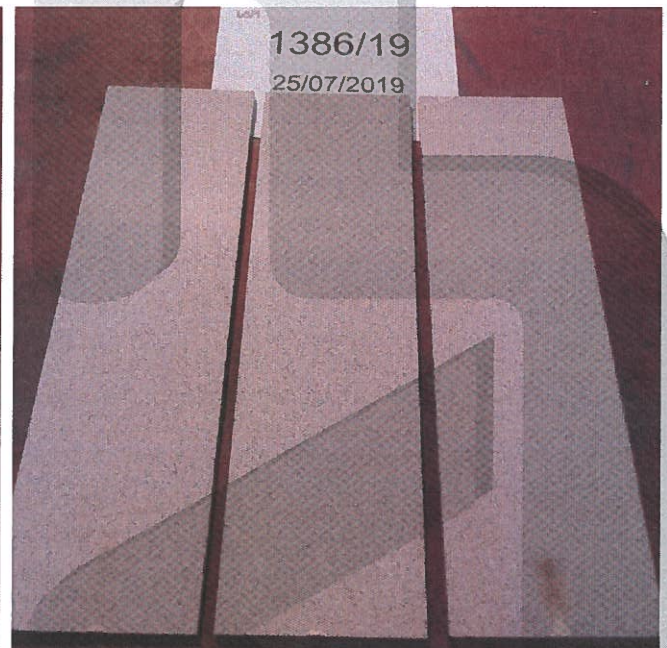


Foto 2: dopo la prova / Picture 2: after testing

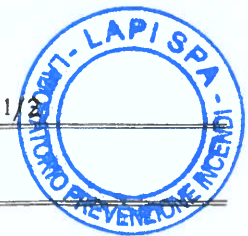
LUOGO E DATA PROVA: Prato, 25/07/2019
Place and test date

Operatore / Operator
Ing. Fabio Crocetta





LABORATORY TESTS REQUEST
to send back to LA.P.I. filled in one for each specimen



Responsible Person to contact :

Page 1

TEST REQUEST HEADING (full address):
Kolpa d.d., Rosalnice 5, 8330 Metlik

INVOICE HEADING (full address):
Kolpa d.d., Rosalnice 5, 8330 Metlika

COMMERCIAL NAME OF THE ARTICLE ¹⁾:

KERROCK

Technical data of the specimen²⁾: (see annexed sheet for stratified and composite materials) COMPOSITE MATERIALS

Composition (%): 60% ATH (aluminium hidroxide) powder and 40% PMMA resin

Appearance: GRANITE

Colour : GREY

Thickness (mm): 12 mm

Weight (g/m²): 20440

Density (kg/m³): 1680-1750

Possible fire retardant treatment: /

The specimen is Isotropic Anisotropic

The specimen usually composes a side in view (Yes/No): /

The two sides are identical (Yes/No): yes

If the two sides are not identical, identify which of the two must be tested: /

End use of the article: (CURTAIN, WALL, FLOOR, CEILINGS, etc...) wall claddings, kitchen worktops, wash basins, kitchen sinks

Laying of the article (if stuck specify the type of glue g/m²): /

REQUESTED TESTS ON THE SPECIMEN ^{3) 5)}
Regulation No 118 (offer 13/5/2019)

IN ACCORDANCE TO SPEC. N.³⁾

REQUEST FOR MEASUREMENT UNCERTAINTY (ANNEXED TO THE TEST REPORT ⁶⁾): YES X NO

NOTES ON THE SPECIMEN (POSSIBLE DEROGATIONS³⁾) : /

TO BE FILLED ONLY IN CASE OF TRANSPORTATION FIELD TESTS : /

SAFETY DATA SHEET

enclosed (Safety data sheet KERROCK SHEET, R:5 (28/6/2019))

TECHNICAL DATA SHEET

enclosed (Material specification No: MS K/01, R:4 (3/9/2018))

BATCH

A-251, 4229

Date 04.07.2019

Date

Stamp and signature of Responsible

04. 07. 2019

Notes (to be read to fill this form):

- 1) The commercial name of the article represents the exact name that will be written on the Test Report . It has to be univocal and match exactly to possible names written on the specimen. LA.P.I. reserves itself the right to not accept specimen whose identification is unclear or ambiguous.
- 2) Technical data reported below will be written on the Test Report as indicated by the reference specification. The side to be tested has to be clearly identified, marking it in a suitable way if possible.
- 3) List the tests to perform and their reference methods . If the tests have the purpose to verify the matching of a specimen to a specification, it is useful to mention it in this field and to enclose a copy of the specification. If not specified, we assume the request refers to the latest valid edition of the specification. Indicate in this field possible derogations to the method or supplementary procedures to apply during the test. Every derogation and/or supplementary procedure will be referred and described on the Test Report. In methods expecting a preliminary treatment of the specimen, indicate only if you don't want those treatments to be performed on the sample.
- 4) In case UNI EN ISO 3386 "Resistance to compression of low density materials" has to be effected, the material has to be sent to the Laboratory not before 72 hours from its production.
- 5) The evaluation performed by the Laboratory does not involve the approval of the product neither by the Laboratory nor by the Accreditation Body . Moreover, the mark of the Accreditation Body or any reference to the accreditation of the Laboratory shall not be used by the Customer in any way, and in particular shall not be reported in the product documentation on the product itself. A copy of the Test Report can be attached.
- 6) The Responsibility of LAPI SpA is limited to the value of the activities regarding tests requested
- 7) In case LAPI can not finish the tests for technical reasons attributable to LAPI SpA , tests will not be charged and no recourse in terms of additional costs will be due in respect of LAPI SpA
- 8) LAPI SpA submitted to test a prototype and LAPI is not responsible, in the event of a negative result of the test, of the previous marketing in case of not-compliance.
- 9) The customer / Producer, (who presents and signs the request to perform the laboratory tests) if does not properly and clearly explicit in the data sheets any safety risks arising from simple handling ,conditioning as a result of thermal cycling or destructive tests laboratory on of their own material, is responsible for any damage to people, equipment and property.
- 10) In case of witness to test (when allowed) LAPI is exempted from any responsibility for accidents and damages to people and things could happen during testing due to the material under testing.
- 11) The "Declaration of Measure uncertainty" will be annexed to the Test Report if the test method is under ACCREDIA accreditation and includes a Declaration of conformity.
- 12) Following the acceptance of costs proposed, cancellation of the order involves the payment of 30% of the cost of the test for practice management cost coverage.
- 13) In case of difference of trade names reported in the Tests Request and Sampling modules, the name reported in the Test Request will be considered predominant.



FAC-SIMIL MODEL
TO BE COMPILED ON COMPANY'S HEADED PAPER

The undersigned

Brigita Lukan

in his/her capacity of legal representative of the Company KOLPA d.d.

declares that the sampling named **KERROCK**

and sent to be tested

was taken from the production batch n°

6mm: A-248, 4231

12mm: A-251, 4229

c/o the factory Rosalnice 5, 8330 Metlika
(indicate the address)

on (day:) 04. (month:) 07. (year:) 2019

safety sheet n° (to be annexed with stamping) R:5 (28/6/2019)

technical data sheet n° (to be annexed with stamping) MS K/01 (3/9/2018)

Date. 04.07.2019

su/07/19
BL

kolpa signature
Prelovalnica in prelovalni stroji d.o.o. Metlika

NOTE: IF THE REQUIRED DATA WERE NOT AVAILABLE, SUPPLY AS MANY DETAILS AS POSSIBLE IN ORDER TO IDENTIFY THE MATERIAL THE SAMPLING WAS TAKEN FROM

file: prelung.doc

1.	ASPETTI GENERALI / GENERAL	
1.1	Marca (denominazione commerciale del Costruttore): <i>Make (trade name of Manufacturer):</i>	Kolpa d.d.
1.2	Tipo e descrizione commerciale generale: <i>Type and general commercial description:</i>	KERROCK acrylic solid surface material
1.3	Nome e indirizzo del Costruttore: <i>Name and address of Manufacturer:</i>	Kolpa d.d. Rosalnice 5 8330 Metlika Slovenia
1.4	Per componenti ed entità tecniche indipendenti, posizione e metodo di apposizione del marchio di omologazione: <i>In case of components and separate technical units, location and method of affixing of the approval mark:</i>	Sul bordo del particolare. Serigrafato indelebile (vedere allegato) <i>Mark/code printed directly on product (see annex)</i>
1.5	Indirizzo dello stabilimento di montaggio: <i>Address of assembly plant:</i>	Kolpa d.d. Rosalnice 5 8330 Metlika Slovenia
2.	MATERIALI DESTINATI AGLI ALLESTIMENTI INTERNI INTERIOR MATERIALS	
2.1	Materiale destinato ad essere montato in senso orizzontale / verticale / orizzontale e verticale <i>Material intended for horizontal/vertical/ horizontal and vertical installation</i>	Installazione orizzontale e verticale <i>horizontal and vertical installation</i>
2.2	Materiale destinato ad essere montato ad una distanza superiore a 500 mm sopra il cuscino del sedile e/o nel tetto del veicolo: <i>Material intended to be installed more than 500 mm above the seat cushion and/or in the roof of the vehicle:</i>	Si / Yes
2.3	Materiale di base / designazione: <i>Base material / designation:</i>	60% ATH and 40% PMMA resin
2.4	Materiale composito/semplce, numero degli strati: <i>Composite/ single material , number of layers:</i>	Materiale composito ed uniforme per tutto lo spessore <i>Composite, uniform material throughout the thickness</i>
2.5	Tipo di rivestimento / <i>Type of coating</i>	No
2.6	Spessore minimo / massimo: <i>Maximum / minimum thickness:</i>	6mm / 12mm
3.	Eventuale numero di omologazione: <i>Type-approval number , if available:</i>	No

	Materiali coibentanti / <i>Insulation materials</i>	
3.1	Materiale destinato ad essere montato in senso orizzontale / verticale / orizzontale e verticale <i>Material intended for horizontal/vertical/ horizontal and vertical installation</i>	/
3.2	Materiale di base / designazione : <i>Base material / designation:</i>	/
3.3	Materiale composito/semplce, numero degli strati: <i>Composite/ single material , number of layers:</i>	/
3.4.	Tipo di rivestimento / <i>Type of coating:</i>	/
3.5.	Spessore minimo / massimo : <i>Maximum / minimum thickness:</i>	/
3.6.	Eventuale numero di omologazione: <i>Tyèe-approval number , if available:</i>	/
4.	Cavi elettrici / <i>Electric cables</i>	No
4.1.	Materiale impiegato / <i>Material used for:</i>	/
4.2.	Materiale di base / designazione: <i>Base material / designation:</i>	/
4.3	Materiale composito/semplce, numero degli strati: <i>Composite/ single material , number of layers:</i>	/
4.4	Tipo di rivestimento / <i>Type of coating:</i>	/
4.5	Spessore minimo / massimo : <i>Maximum / minimum thickness:</i>	/
4.6	Eventuale numero di omologazione: <i>Tyèe-approval number , if available:</i>	/

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E24*118R03/01*0208*00