

**PRODUCT:** KERROCK MF SHEETS

**NOMINAL THICKNESS:** 12 mm

**Description:** Solid surface inorganic acrylic polymer bonded composite material in form of sheets for interior applications

**Collection:** UNI

## 1. TECHNICAL DATA

PROPERTY	UNIT	VALUE	METHOD
Density	Kg/m <sup>3</sup>	1750-1850	SIST EN ISO 1183-1
Flexural modulus	MPa	8800-9800	SIST EN ISO 178
Flexural strenght	MPa	50-71	SIST EN ISO 178
Tensile strenght	MPa	29-53	SIST EN ISO 527-1
Charpy imact strenght	KJ/m <sup>2</sup>	3,0-5,5	SIST EN ISO 179-1
Hardness (Barcol impresor)	/	58-64	SIST EN 59
Linear expansion coefficient	K <sup>-1</sup>	3,0x10 <sup>-5</sup> 4,0x10 <sup>-5</sup>	Inductive deformation measurement (-20°C to 50°C)
Water absorption (after 24 hours)	%	0,03	SIST EN ISO 62
Resistance to steam	(rating 1-5)	4-slight change in shine only visible at certain viewing angles	SIST EN 438-2
Resistance to dry heat	(rating 1-5)	4-slight change in shine only visible at certain viewing angles	SIST EN 438-2
Resistance to cigarette burns	(rating 1-5)	4-slight change in shine only visible at certain viewing angles	SIST EN 438-2
Clasification of material response to fire	/	B-s1,d0	SIST EN 13501-1
Food contact	/	Kerrock material is suitable for contact with food	In accordance of Commision Regulation(EU) No. 10/2011 /EU and of Regulation (EC) No. 1935/2004 at the European Parliament.



## MATERIAL SPECIFICATION

(product specification in accordance  
with TP 565-02-062)

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SIZE PROPERTY	QUALITY I	QUALITY II
Lenght	<b>3600-0 / +10 mm</b>	<b>3600-540 / +10 mm</b>
Width	<b>760-0 /+10 mm</b>	<b>760-10 /+ 10 mm</b>
Thickness	<b>12-0,3 / +0,2 mm</b>	<b>12-0,5 / +0,2 mm</b>
Thickness tolerance in the same sheet (Max deviation)	<b>0,3 mm</b>	<b>0,3 mm</b>
Squareness (Max difference between diagonals)	<b>3 mm</b>	<b>3 mm</b>
Flatness	<b>2 mm / mtl</b>	<b>2 mm / mtl</b>



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## **2. COLOUR CONSTANCY**

The Master sample to be used for the colour matching will be cut from one sheet of the first supplying and will be considered as a reference for the next lots. There could be a slight difference in shade of colour; for UNI colour it should be  $dE \leq 1$ . Uni will be measured in DE by colorimeter.

## **3. CONTROLS AND FINAL INSPECTIONS**

Edge chips, nicks less than 4,75 mm wide/deep, so as not to prejudice the use of the total nominal surface, are allowed. For solid colours until size 3600x760, in addition to be above, in compliance with the standard ISO 19712:

- The finished surface of sheets shall be free from cracks, pinholes and blisters.
- Spots, dirt and similar surface blemishes are admissible provided the total covered by such blemishes is not more than 1,0 mm<sup>2</sup>/m<sup>2</sup> of the surface. The blemishes may be concentrated in one place or scattered over the sheet size/ unit.

## **4. QUALITI II**

1. Definition of 2ed choice: see chart on the previous page
2. All mistakes mentioned in paragraph 4 should not reduce the useful surface of sheet over 30%. More than 70% of the sheet be used in one complete piece.
3. The mistake is visible, it is marked on the surface.
4. Second choice sheets must be declared in the packing list and should be stored under a different number storage.

## **5. PROTECTIVE FILM**

Clear LDPE film on every sheet on the top side.

## **6. IDENTIFICATION**

The sheet is marked with the inkjet print on the edge and on the back side and has the following codes:

- Identification number
- Brand name
- Dimension
- Colour
- Date
- Lot number
- Direction of grinding
- Made in EU

## **7. PACKAGING**

The packaging must be suitable to protect the material against humidity, water and accidental hits during handling operations.