



**DATE: 03/07/2013**

**EDITION: 10**

## **TECHNICAL INFORMATION**

### **BRIK-CEN MS-12**

#### **COMPOSITION**

Elastic adhesive sealant of new generation MS polymer. Exempt of isocyanates, silicones and solvents.

#### **APPLICATION**

Sealing and or elastic adhesion in industry: joints between prefabricated elements, frames in construction work, metal carpentry, drainage systems, adhesion of galvanised sheets, ferrous and non-ferrous metals, caravan and truck elements, air-conditioning or refrigeration installations.

Has excellent adhesion on concrete, brick, wood, natural or artificial stone, ceramics, glass, metals – aluminium, iron, zinc, galvanised metals, etc., the majority of plastics, thermoplastics (except polyethylene or teflon) or thermally hardened products.

Where necessary the paint sealant, it is recommended do when skin is formed, being in our case about 40- 50 minutes after making the application, since it is when the best film of the wet paint sealant. It is recommended to apply a coat of paint having sufficient thickness to cover the sealant so that there can be leveled.

Can be used in proximity of painting cabins since it does not contaminate them. Preferably used paints with sufficient elasticity. We recommend tests with paints to be used prior to final application. Resistant to ageing, weathering, temperature and ozone. Good performance against chemical agents

#### **TECHNICAL CHARACTERISTICS**

<i>Characteristics</i>	<i>Method</i>	<i>Units</i>	<i>Values</i>
<i>Specific weight</i>		<b>g/ml</b>	<b>1,50</b>
<i>Consistence</i>			<b>Thixotropic paste</b>
<i>Solids</i>	<b>2 hours at 120°C</b>	<b>%</b>	<b>99,5</b>
<i>Application temperature</i>		<b>°C</b>	<b>+5 to +40</b>

<i>Elasticity Modulus 100%</i>	DIN 53504	Mpa	0,62
<i>Charge on broken</i>	DIN 53504	N / mm2	1,86
<i>Elongation at break</i>	DIN 53504	%	550
<i>Shore A hardness</i>	DIN 53505	SHORE A	40
<i>Thermal resistance</i>		°C	From -40 to 90°C
<i>Skin formation time</i>		Minutes	40 at 20°C
<i>Dry time</i>		Mm/day	2 at 20°C

## RESISTANCE TO CHEMICAL SUBSTANCES

It resists to water, aliphatic solvents, diluted inorganic acids and alkalis, oils and fats. Bad resistance to aromatic solvents, concentrated acids and chlorate hydrocarbons.

## HOW TO USE

The surface where it is going to be applied should be firm and be completely clean. It can be applied on damp surfaces. Does not form bubbles.

Sealing: apply, by means of an applying gun, forming a continuous ribbon and avoiding to form air pockets. Next, smoothen with a spatula dampened on soapy water

Bonding: apply on one of the surfaces to bond making ribbons or spots, depending on the size of the parts.

Approximate consumption: 1 cartridge per 2 m2.

Cleaning: The Product, while fresh, can be cleaned with our BRIK-CEN S-890.

## STORAGE

Store In fresh dry place at temperatures between 5° C and 30° C. Shelf life is 18 months from manufacture.

## PRESENTATION

290 ml cartridge in 25 unit boxes, sausages 600ml . Colours: Grey, white, black, brown.

## **NOTE**

In case of doubt, we recommend you to contact our technical department, which will suggest the most appropriate adhesive for your purposes, or will conduct the test required to find it.

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**Please consult the material safety data sheet for more information about the product.**