

## BRIK-CEN MS-291 FLEX

### DESCRIPTION

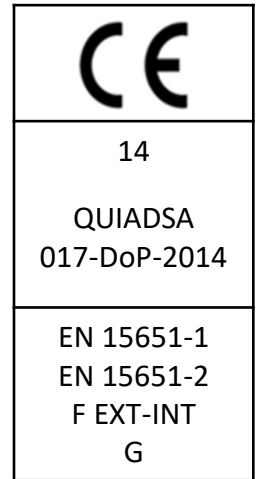
New generation, elastic polymer sealant. MS: Moisture curing.

### PROPERTIES

- ✓ Application temperature between +5°C and +40 °C
- ✓ Temperature resistance -40°C to + 90°C
- ✓ High quality
- ✓ Ageing resistance
- ✓ Weathering resistance
- ✓ High resistance to UV radiation
- ✓ Low odor
- ✓ Non shrinking
- ✓ Yellow less
- ✓ Indoor/outdoor
- ✓ Permanently elastic
- ✓ Paintable
- ✓ Solvent-free
- ✓ Isocyanate-free

### APPLICATIONS

- Sealing of galvanized sheets, ferrous or non ferrous metals, elements of caravans or trucks.
- Elastic sealing in the industry areas.
- Sealing of joints between similar and different substrates such as joints in prefabricated elements, framework/construction, metallic carpentry, drainpipes, air conditioning or refrigeration systems.



Packaging	Capacity	Box quantity	Best before
Cartridges	290 ml	25 units	18 months

### COLORS

White, grey, brown and black.

*\*Please contact us regarding the availability of other colors and packaging.*

## TECHNICAL INFORMATION

- In supplied consistency:

Properties	Method	Unit	Value
Density		g/ml	1,42
Consistency			Thixotropic paste
Solids content	2 hours at 120°C	%	99,5
Skin formation	20°C	min	40

- Cured product:

Properties	Method	Unit	Value
Modulus at 100%	DIN 53504	N/mm <sup>2</sup>	0,4
Tensile strength (at break)	DIN 53504	N/ mm <sup>2</sup>	1,25
Elongation (at break)	DIN 53504	%	625
Hardness	DIN 53505	Shore A	30

## ADHESION

Excelent adhesion on:  
 Concrete, brick, wood, facing brick, natural or artificial stone, ceramic, glass, metals such as aluminium, iron, zinc, galvanized materials, etc., most thermoplastics (except polyethylene and teflon) or thermosets in general.

Good adhesion on wet surfaces.

For improved adhesion, we recommend the use of a primer :

BRIK-CEN S-3195 (for non porous materials)  
 BRIK-CEN S-4007 (for porous materials)

## CHEMICAL RESISTANCE

Resistant to water, aliphatic solvents, diluted inorganic acids and alkalis, oils and grease.

Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

## CLEANING

Freshly applied sealant can be removed with BRIK-CEN S-890.

Once cured, the product can be removed mechanically.

## RECOMMENDED ACCESSORIES

Applicator gun  
 P-1441



## DIRECTIONS FOR USE

- The surfaces on which the product is applied should be firm and completely cleaned. It can be applied on wet surfaces.
- It can be over painted after around 40 to 50 minutes of application, from that moment is when the paint adheres better. The coat of paint should be thick enough to cover evenly the entire sealant.
- It can be over painted wet on wet with water based paints in painting and drying booths.
- It can be used in the proximity of a painting booth.
- It can be sanded, overpainted and/or varnished after cure.
- **Sealing:** Apply a continuous bead using a manual or pneumatic application gun, taking care to avoid bubble formation. Then smooth the joint with a spatula soaked in soap water.
- **Joint dimension**
- The joint has to be designed according to the sealant movement capability .
- In general, the joint width should be between 5 and 25 mm.
- The ratio of width to depth will depend on the joint width.
- In general, for joints deeper than 10mm, the width/depth ratio should be approximately 2:1 respectively.
- For thinner joints, the ratio should be approximately 1:1.

Width (mm)	10	15	20	25
Depth (mm)	8	8	10	12
Performance (m)	3,75	2,5	1,5	1

- **Bonding:** Apply continuous beads of adhesive in parallel straight lines to one of the surfaces to be bonded depending on the dimensions of the substrates. Press strongly both parts together for some seconds.

## SEALANT PERFORMANCE

$$L = 290 / (W * D)$$

L: Length of sealant in meters.

W: Joint width in millimeters.

D: Joint depth in millimeters.

## ADHESIVE PERFORMANCE

Approximately one cartridge for 2 m<sup>2</sup>

## HEALTH AND SAFETY

Safety data sheet available upon request of the client.

### Note

The information contained in this document, as well as our technical advice whether verbal or written, is the result of our experience with the product and should be considered as collaboration without compromise, since the use and / or final application of our adhesives is beyond our control, declining all liability for improper use. The customer is responsible to confirm and evaluate prior to use, by trial or test the product conforms to required employment. So our guarantee is limited to ensure the quality of our products, according to our quality standards.

Quiadsa reserves the right to change the properties of its products. Users must know and use the latest updated version of the technical data sheets, Quiadsa will send them upon request or they can be downloaded on the website: [www.quiadsa.com](http://www.quiadsa.com)