

BRIK-CEN CS-34

DESCRIPTION

Elastic, monocomponent, oxime neutral thixotropic silicone sealant, curing upon contact with moisture.

PROPERTIES

- ✓ Application temperature between +5°C and +40 °C
- ✓ Temperature resistance -40°C to + 150°C
- ✓ Ageing resistance
- ✓ Weathering resistance
- ✓ High resistance to UV radiation
- ✓ With anti-mould preservatives
- ✓ Yellow less
- ✓ Indoor/outdoor
- ✓ Non-sagging
- ✓ Permanently elastic
- ✓ Non-paintable

APPLICATIONS

- Sealing of a wide range of porous and non porous construction materials (lacquered and anodised aluminium, glass, metal, PVC, concrete, brick, cement, wood, ceramic materials, PVC carpentry and quartz agglomerate).
- Sealing of expansion joints.



| Packaging | Capacity | Box quantity | Best before |
|------------------------------------|----------|--------------|-------------|
| Cartridges (White and translucent) | 300 ml | 25 units | 18 months |
| Cartridges (Other colors) | 300 ml | 12 units | 18 months |

COLORS

Translucent, white, lacquered white, bronze, burgundy, grey, brick, black, oxidon black, stainless steel, oak, pine, sapelli and some RAL references:

RAL1015/3003/5005/6005/6009/7011/7016/7022/8007/8014/8017/9001/9006.

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

TECHNICAL INFORMATION

| Properties | Method | Unit | Value |
|-------------------------------|--------|-------------------|-------|
| Hardness | | Shore A | 20 |
| Maximum movement capability | | % | 25 |
| Skin formation (25°C/60%HRA) | | Minutes | 8 |
| Curing time (3mm/25°C/60%HRA) | | Hours | 24 |
| Tensile strength | ISO 37 | N/mm ² | 0,5 |
| Elongation at break | ISO 37 | % | 525 |
| Density | | g/ml | 1,03 |
| Density (colors) | | g/ml | 1,10 |
| Modulus at 100% | ISO 37 | N/mm ² | 0,4 |

ADHESION

Excelent adhesion on:
 Most common construction materials.
 Not recommended for sealing of structural glazing, aquariums, mirrors or surfaces in direct contact with food.

CLEANING

All surfaces to be sealed must be clean, dry and free of grease, dust, etc.

The surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent (the solvent used should be checked for compatibility with the surface to be cleaned). Detergent or soap and water treatments are not recommended.

For surfaces containing wax and paraffin such as lacquered aluminium, we recommend to clean the product with BRIK-CEN S-3030 and then determine if a primer is necessary after performing an adhesion test. BRIK-CEN S-3195 (for non porous materials) BRIK-CEN S-2939 (for untreated porous materials, porous materials)

Freshly applied sealant can be removed with organic solvents.

To remove cured sealant apply BRIK-CEN PL-25 along the trail of sealant.

RECOMMENDED ACCESSORIES

Applicator gun
 P-1441



DIRECTIONS FOR USE

- **Sealing:** Apply a continuous bead using a manual or pneumatic applicator 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 smaller 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 |

SEALANT PERFORMANCE

$$L = 300 / (W * D)$$

L: Length of sealant in meters.

W: Joint width in millimeters.

D: Joint depth in millimeters.

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