

## Cetokol 3000 PUR

Polyurethane Joint Sealant For Horizontal and Vertical Joints

### Description:

- **CETOKOL 3000 PUR**: is a two component, solvent free high grade polyurethane based sealant, which provides a flexible seal for vertical and horizontal joints.
- Complies with ASTM D 1850, ASTM C 920 and US Federal Specification No. TT-S - 00227 E. Type 2 class A.

### Fields of Use:

- **CETOKOL 3000 PUR** is used for sealing both vertical and horizontal joints when the amount of expected movement or other performance requirements are high.
- It's used for the joints of curtain walls, multi storey buildings, concrete masses, bridges, sea and road ways. Also for joints subjected to chemical attacks as in sewage projects, reservoirs and swimming pools.

### Advantages:

- Has excellent adhesion to all materials applied in bulding construction projects, its high elasticity enables it to withstand repeated dynamic movements of joints over a very wide temperature range.
- It possesses high resistance to normal weathering, ultraviolet rays and chemical attack.

### Technical Data : (at 25 °C)

Colour	grey (off white upon request)
Consistency	Gun grade ( Pourable upon request)
Solid content	100%
Density (A + B)	1.65 ± 0.04 kg/ I
Mixing ratio A : B by weight	8: 1
Pot life	2 hours
Initial setting time	24 hours
Final setting	7 days
Hardness (shore A )	25 - 30
Rate of use	0.7 kg / m for section 2 x 2 cm

### Joint Design:

- Ideal width of the joint should be at least two and half times of calculated movement.
- The depth of the joint should not exceed the width. For moving joint in shear, the width should be equal to the depth For joint width 5 - 20 mm, For widths more than 20 mm the depth can be less than width, consult technical department. (joint width or depth shouldn't be less than 5mm ).

### Directions for Use:

- The sides of the joints must be sound, dry and free from oils, grease, dust etc.
- Laying **BACKER FOAM** inside the joint to govern the depth of the sealant material.
- The edges of the joints can be covered with masking tape or simialr material to avoid soiling.
- It is recommended to prime the sides of the joints with **PRIMER CETOKOL** or **KEMAPOXY 101**, the quantity of primer needed is about 2 % of the joint sealing material.
- The two components should be mixed carefully until an homogenous mix is obtained. If the base compound is not well mixed with the hardener, uniform curing cannot be expected. Mixing is done with a stirring rod or electric drill with a stirring paddle fitted.
- **CETOKOL 3000 PUR** is applied during the pot life of the mix.
- Clean tools by **KEMSOLVE 1**.

### Safety Precautions:

( please check product Cetokol 3000)

### Storage:

- 12 months under suitable storage conditions.

### Packages:

- Kits (A+B) 3.0 kg .
- Follow the mixing ratios-by weight-indicated on the package.