

BLD PU SEALANT



DESCRIPTION

is a novel low modulus expansion joint sealant, especially formulated to ensure bubble free cure even at very high temperature and humidity climatic conditions. The product displays excellent thixotropy allowing its use even in very large expansion joints. It cures by reaction with atmospheric humidity to produce a joint sealant with a 50% joint movement accommodation factor and excellent adhesion on substrates traditionally problematic for PU sealants, e.g. glass, aluminum, steel, polycarbonate, etc. The extrusion rate and tooling of the sealant remain the same throughout a very wide range of temperature and humidity conditions.

LIMITATIONS

Not recommended for direct application on unsound substrates. In this case, the substrate must be primed with PRIMER, which will re-enforce the concrete and produce a strong durable substrate for sealant application.

Highly porous substrates, dusty surfaces or poorly compacted concrete, must have their porous bond area surfaces thoroughly sealed to avoid the possibility of air bubbles being blown into the uncured sealant if the substrate temperature rises.

RECOMMENDED FOR

Sealing joints in:

- Insitu concrete
- Expansion concrete plates
- Precast panels
- Brick and block work
- Water tanks and swimming pools
- Metal frames
- Aluminum windows and panels
- Irrigation channels
- Glass
- Granite and marble

FEATURES AND BENEFITS

No bubbling/swelling upon curing in difficult climatic conditions.

Excellent Thixotropy.

Excellent adhesion on almost any type of surface, with or without the use of special primers.

Excellent extrusion, tooling and storage stability over wide range of climatic conditions.

Excellent chemical resistance, suitable for sealing joints in swimming pools and chemically treated water.

Low modulus, joint movement accomodation 50%.

Microorganism and fungus resistant.

Excellent heat resistance, suitable for application where exposure to temperatures $>60^{\circ}\text{C}$ take place.

Resistance to cold: The sealant remains elastic even down to -40°C .