



BCI TEC 40 S

Product Description:-

is a general purpose one component, non-sag, gun grade polyurethane joint sealant which cures by moisture to an elastic and tough sealant. It is highly resilient and has excellent recovery characteristics. It can function under wide range of temperatures.

BASIC USES:

For sealing movement joints in precast concrete construction, balcony parapets, bridge culverts, retaining walls etc., For caulking of joints around windows, doors, skirtings, wall/floor joints and shutter housings.

APPLICATION:

Apply by caulking gun, hand or pressure type. Bulk sealant can be applied by pumping equipment. Press firmly into joint to assure good contact and finish with a trowel or putty knife.

INSTALLATION:

Joint Design : Suitable for all properly designed joints following accepted engineering practice. Joint width must be a minimum of 4 times the anticipated movement.

Advantages:

- Easy to use, being one component sealant.
- Excellent adhesion to different construction materials.
- Excellent resistance to different chemicals and micro organisms.
- Excellent weathering and aging properties
- UV resistant, and can be applied internally and externally
- Can be over painted after curing.
- Remains elastic even in cold weather.
- VOC compliant - Architectural sealant
- Accommodates 25% joint movement



TECHNICAL DATA:

Properties	Typical Value	Test Method
Rheological Properties	2mm Max sag	ASTM C639-01
Skin Time*	2-4 hours	-
Curing Time*	Approx. 2-3mm/day	-
Hardness (Shore A)	30-40	ASTM D2240
Tensile Strength	1.4 N/mm ²	ASTM D412
Elongation	>350%	ASTM D412-06a
Adhesion in Peel (mortar)	27 N	ASTM C794-01
Effect of Accelerated weathering	No Surface Cracking	ASTM C793-05
Stain and color change	No stain on mortar	ASTM C510
Movement Accommodation Factor (Total Movement Capacity)	25%	ASTM C719-14
Volatile Organic Compound (VOC)	0.339 grams/liter	GC-FID
Service Temperature	-40°C up to 90°C	-
Application Temperature	5°C up to 40°C	-
Shelf Life	12 months	-

Packing :

600 ml aluminium sausages.

MAINTENANCE :

BCI TEC30 S is damaged, and the joint has not been contaminated, it can be repaired by cutting out that part and resealing it with BCI TEC30 S .

COLORS :

Dark Grey, Concrete Grey, White, Beige, Black, RAL 1015 and other Colors available on request

