

BC TEC – 25S

Product Description:-

BC TEC 25 Sis a low modulus one component polyurethane 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.

Composition: Polyurethane based joint sealant.

Basic Uses:

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

Advantages:

- Easy to use, being one component system.
- Excellent adhesion to different construction materials.
- Excellent resistance to different chemicals and microorganisms.
- Excellent weathering and aging properties.
- Can be over painted after curing.
- Remains elastic even in cold weather

TECHNICAL DATA:

Hardness(Shore A) : 25 ±5 ASTM D 2240,
Service Temperature : -40OC up to 90OC Shock 120OC
Application Temperature : 5OC up to 40OC
Temperature : 5OC up to 40OC
Sag Resistance : Excellent (DIN EN 27390)
Tack Free Time : 1-2 hrs @25OC& 55% RH
Cure Rate : Approx. 2-3 mm/day
Elongation at break : >500%, DIN 52455, ASTM D 412
Movement Accommodation Factor : 25%
Tensile Strength : DIN 52455 ASTM D412 @ 100% elongation 0.5 N/mm ²
Toxicity : No restriction as cured

Shelf Life:

12 Months

Building Chemistry Industry

Suit No 203, Al Manar Business park Bin Khalid Street Dammam .Kingdom of Saudi Arabia.

Email: info@bcisaudi.com Website: www.bcisaudi.com



Installation:

Surface Preparation: All joints must be absolutely clean. For concrete, sandblasting is recommended. All curing compounds, old caulks, grease, waterproofing compounds etc., must be removed. For nonporous surfaces such as glass, metal etc., cleaning with M.E.K or Toluene is recommended. Polyurethane rod or Polyurethane foam is recommended as a joint filler and back-up material. Fillers treated with bituminous products, grease or oil should not be used. Where present they must be removed or separated by vinyl tape or polyethylene film. Porous surfaces shall be primed with CEMTEC PU PRIMER.

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.

Availability:

BC TEC 25 Sis supplied through building material dealers. Major contractors are supplied directly from Construction Material Chemical Industries.

Maintenance:

If BC TEC 25 is damaged, and the joint has not been contaminated, it can be repaired by cutting out that part and resealing.

Packaging 600ml aluminum sausages.

Colors Dark Grey, White, Beige and other Colors available on request.

DEPTH OF JOINT	mm	6	9	12	15	18	22	25
	6	17	11	8	7	6	5	4
	9	11	7	6	4.4	3.7	3	2.7
	12	8	6	4.2	3.3	2.8	2.3	2
	15	7	4.4	3.3	2.7	2.2	1.8	.....
	18	6	3.7	2.8	2.2	1.9	...	....
	22	5	3	2.3	1.8	...	...	...
	25	4	2.7	2	...	...	...	...

Liner meters per 600 ml sausage

The Technical specification information and recommendation given one based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product Building chemistry industry reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of Building chemistry industry no guarantee and or responsibility is assumed on the performance of work completion executed with use of our products.

Building Chemistry Industry

Suit No 203, Al Manar Business park Bin Khalid Street Dammam .Kingdom of Saudi Arabia.

Email: info@bcisaudi.com Website: www.bcisaudi.com

