

# DA 'CRETE™ PU Sealant 3200

Environment friendly, one component, moisture cured, high performance elastomeric, movement accommodating, flexible, pricking resistant, Poly Urethane based joint sealant.

Best for dynamically moving joints like expansion and control joints.

## ABOUT

Da 'Crete™ 'PU Sealant 3200' is a flexible, moisture cured poly urethane sealant with excellent sealing and flexible performance. No corrosion / pollution to base materials and environment friendly.

'PU Sealant 3200' is non-sag, excellent extrusion exhibiting, good resistance to water pressure and easily applied PU sealant.

Bonds well with most common building materials like concrete, stone, glass, wood, metal and aluminium gusset plate etc.

## BENEFITS

- Durable – weather resistant
- Non powdering
- Crack resistant
- High movement accommodation
- Resistant to mild acids and mild alkalis
- Suitable for various applications
- Resistant to temperature variations

## APPLICATIONS

Sealing movement accommodating joints of

- External walls and slabs made of concrete.
- Aluminium gusset plate and external wall.
- Air face on bridges, tunnels and drainage pipes.
- Precast panels
- Stone bonding and sealing

## FEATURES

### High Elasticity & Recovery

Accommodates movements due to high elasticity and recovery properties.



### Non-Sag

Non-slump elastomeric sealant with very high sag resistance.



### Resists Water Entry

Resists water entry through the joints by providing excellent movement accommodation.



### Resistance to Chemicals

Resistant to mild acids and alkalis. Highly resistant to salt water.



### Environment Friendly

No corrosion to base material on which 'PU Sealant 3200' is applied.



### Prick / Tear Resistance

Offers excellent Prick and tear resistance.



## PROPERTIES

Description	Value
Color	Grey
Skin Formation time (25° C)	3-7 hours
Shore A Hardness	25-35
Modulus of Elongation (ISO 8339)	0.30 MPa
Elongation at break (ISO 8339)	>300%
Working Temperature	-30 to 80° C
Application Temperature	5 to 40° C
Pack Size (Sausage):	600 ml
Storage temperature	5 to 25°C at <50% RH
Shelf Life	9 months

## APPLICATION

### Surface Preparation

Substrate surface shall be free from any dust, oil / grease or dampness. Remove any loose or foreign material to form best bond with Da 'Crete PU Sealant. The prepared surface shall be clean, dry and sound.

### Application

Da 'Crete PU Sealant shall be applied by sealant gun. Enough material shall be filled into the joint gap and tooled in to have adequate adhesion with the joint profile.

Obtain a good finish by tooling it by means of a gloved finger or tooling stick dipped into a soap solution.

## SPECIFICATION CLAUSE

Wherever mentioned in the tender documents, PU Sealant shall be Da 'Crete PU Sealant 3200 applied using a sealing gun as per approved procedure.

## COMPLIANCE

Da 'Crete PU Sealant 3200 complies with ASTM C920:08 Standard Specifications for elastomeric joint sealants.

## SPEED OF CURING

Speed of Curing and tack free time depends on ambient temperature and relative humidity. More the hotter and drier it is, faster it is on curing.

## SAFETY

When contacted with skin, remove it with a cloth, wash the skin thoroughly with soap and water. For any contact with eyes, hold eyelids apart and flush thoroughly with enough water and contact physician.

The information given is based on data and knowledge considered to be true and accurate and is offered for the user's consideration, investigation and verification. Since the conditions of use are beyond our control, we do not warrant the results to be obtained.

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