

# ZELOMASTIC ACR

One Part Acrylic Elastomeric Joint Sealant



## TECHNICAL DATA SHEET

### DESCRIPTION

- ZeloMastic ACR is an excellent quality, one-component flexible acrylic joint sealer and crack filler that dries to make an especially solid sealant. It is appropriate for low movement joints throughout internal and external applications. It is a non-staining sealer that is resistant to cracking and provides a smooth finish that doesn't need refinishing. It is a filling sealant that may be painted.

### PRODUCT FEATURES

- Water-based and odorless.
- Non-flammable and cost-effective • Simply started to get a smooth surface
- Ideal for inside as well as outside usage
- Bonds to a broad range of construction surfaces
- Strong and adaptable seal

### TYPICAL USES:

- Construction joints with minor to moderate movement
- Shrinkage fractures in plaster
- Roof flashing and tile joint sealing
- Wall corner sealing
- Weather stripping around windows and doors; between skirting boards and walls
- Brickwork and concrete coating.

### METHOD OF APPLICATION:

#### SURFACE PREPARATION:

- All areas are required to be clean, dry, and clear of sand and loose objects. To guarantee proper penetration and performance, expand the shoulders of internal splits in plaster, etc. to a minimum of 3 - 4mm.
- Priming is not necessary in most situations, but for permeable or unclean surfaces, thin down sealant with 3 parts clean water and apply with a brush to the joint faces.

Approximate kg coverage guide per LM

Depth of Joint in mm	Width of Joint in mm				
	6	10	12	15	20
6	0.51	0.93	1	3.1	-
8	-	-	1.41	1.79	2.32
10	-	-	1.79	2.21	2.90
12	-	-	2.11	2.73	3.57

- A tool like a trowel or spatula can be used to apply Zelomastic ACR. A standard sealant gun may be used to apply the cartridge pack. A pressured application may be worked for deeper locations. Smooth and pressure the sealant into the joint after applying with a wet pallet knife, Spoon, or similar instrument. Masking adhesive should be used to protect the joint's edge; remove the tape immediately after smoothing. If the following application is a paint base, emulsion painting may be done after 2 hours and oil-based painting can be done after 6 hours of Zelomastic ACR sealant application.

### **JOINT FILLERS:**

- A suitable joint filler component should be used to fill in part the groove in order to provide the necessary depth to the sealant. Closed-cell linked polyethylene strip or cable is a suitable material.
- Peeling tape can be used to increase the appearance of the completed seal by covering the face edges of the seal. This should be removed directly after ZeloMastic ACR has been applied then Clean with mere damp cloth.

### **PACKING & STORAGE:**

- A 18 KGs pail of ZeloMastic ACR is available.
- Supplies must be done in large custom designed containers/storage silos for on-site installations or for general consumption. ZeloMastic ACR should be placed in stores that are cold, dry, and shaded. When stored under cover, out of direct sunlight, protected from severe temperatures, and in accordance with guidelines, the shelf life is 12 months. In severe tropical climates, the product must be kept in a cold environment. Failure to follow recommended storage conditions, high humidity, and excessive UV exposure may result in early damage of the product.

### **HEALTH & SAFETY:**

- There are no harmful chemicals in ZeloMastic ACR. Safety should always be maintained while using construction chemical materials.
- While working with, protective clothes such as gloves and goggles must be used. For optimal protection, long-sleeved overalls, safety shoes, and a face mask are advised. After usage, reseal every package and store the product as directed on the label's safety section. Any splashes on the skin or eyes should be treated quickly with fresh water. If any of the items are wrongly consumed, do not induce vomiting; instead, seek treatment immediately. Please see the MSDS for each Titan-Tech product for further information.

### PROPERTIES :

- Standard conforms: ASTM C 834
- Appearance: Smooth
- Viscous: Paste
- Color: White and Grey (Other Color available on request)
- Specific Gravity: 1.6
- Shore Hardness: 50
- Solid Content: 80%
- UV Resistance: Excellent
- Shore A Hardness: 50
- Tack Free Time: 20mins
- Curing: 7Days
- Flammability: Non -Flammable
- Sag: No Sag