

# ARMOR EXPANSEAL 100

## General Purpose Construction Polysulphide Joint Sealant

### Product Description:

**ARMOR EXPANSEAL 100** is a two-component polysulphide joint sealant which, when the Part A and B components are mixed together leads to a chemical reaction, which cures to a firm, flexible rubber like seal with excellent adhesion to concrete, masonry, wood, glass, acrylic, stone, metal and many other common building substrates. It is very flexible and has good chemical resistance.

### Features and Benefits:

- Resistant to water penetration and absorption.
- Excellent repair ability and bonding property.
- Completely water tight when applied on concrete and other surfaces
- Sealant will not cause staining to concrete masonry or stones.
- No unwanted remoistening.
- Under temperature  $-20^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ , it performs well.
- Durable, and unaffected by UV rays, ozone and other weathering conditions.
- It has a movement capability that provides satisfactory hermetic sealing of the joint subjected to expansion, contraction, vibration and cyclic movement

### Application Area:

- Sealing of expansion, contraction & construction joints in building structure
- Sealing of cracks
- Glazing joints of window, door frame and curtain walls
- Sealing of water retaining structure joints.
- Sealing of joints in traffic areas such as, Bridges, roads and car parking areas.

### Surface Preparation:

1. Surface preparation is the most important step before application of sealant to get best results and to avoid failure.
2. All surfaces must be clean, free of grease, oil, dirt, wax, and other foreign matter.
3. Clean the joint surface by wire brush and sanding with emery paper.
4. Cleaning agents (brush) maybe provided they are thoroughly rinsed before application.

### Packing:

Armor Expanseal: 5kg

**Specification Complies:**

BS 4254-1983	: British Standard Specification
C-920-87	: American Society for Testing & materials (ASTM)
DIN-18549	: German Standard Specification.

**Precautions:**

- It is advisable to use hand gloves and goggles during application.
- Avoid application and damp or moist substrate.
- It should be stored at room temperature.
- Ensure that two coats of primer are applied on the jointing surfaces

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