

## TDS Xcel Waterproof Seal & Repair

### Product Description

XCEL WSR is a highly fluid paintable MS Polymer suitable for use on any surface. WSR can be used as an adhesive for large surfaces and will bond to most substrates. It is paintable and can be tiled directly when cured. Due to its low viscosity, XCEL WSR can be applied using a roller, caulking gun, troweled or with a paintbrush.

WSR is the ultimate replacement for bitumen based roofing projects, with excellent adhesion to brick, stone, concrete, polyester, lead, metals and plastics. WSR is a formulated compound with a combined polymer and polyurethane union, which forms a 100% waterproof membrane and remains stable with weather fluctuations, without shrinking or cracking. It is ideal for the quick repair of flat and sloping roofs, and for tanking, with one application and no primer's or mixing required. It is also used on concrete terraces, balconies and floors, and under ideal conditions, can be rendered or tiled.



### Main Benefits

- ✓ Permanently elastic
- ✓ Interior / exterior - paintable
- ✓ Environmentally friendly No VOC's
- ✓ Tensile strength 0.95 MPa / 140 Psi
- ✓ Permanently waterproof, flexible, crack proof, mold resistant
- ✓ High mechanical resistance
- ✓ Safe around natural stones
- ✓ Tile directly when cured
- ✓ Cures in 24 hrs under normal conditions

### Directions for use

The substrates must be clean, dry, and free of old residues, polish, liquid sealants, wax, dust, grease and other contaminants which may affect the adhesion. Painted surfaces must be well cured and free of loose paint. The product is suitable for many types of construction materials, however, a preliminary adhesion test is recommended on every surface. After substrate preparation, apply with a caulking gun, paint brush, trowel or rubber floor scaper. Uncured product may be easily removed with Xcel SDC. Cured sealant must be removed mechanically. Optimum bonding will be obtained after complete curing, i.e. after 24 to 48 hours at +23°C for a thickness between 2 to 3 mm.

## **Technical Information:**

Raw material basis: MS Polymer

Viscosity: 400 m/per second

Density: 1,40 g/ml

Curing rate: 3 mm/24 hr

Application temperature: Between +5°C to 440 °C

Progressive hardening

Service temperature: -40°C to +90°C

Shore A hardness (ISO 868): 25

Max. tensile (ISO 37): 0,95 MPa. / 140 Psi

Elongation at break (ISO 37): > 400 %

These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. The time until complete curing may be extended at lower temperature, lower humidity or increasing film thickness.

## **Colours and packaging information:**

This product is available in:

- 290 ml cartridges
- 1 Litre
- 5 Litre

Colour: Grey Grey

## **Storage and safety:**

The shelf life is 18 months in the original unopened original packaging, in dry conditions and protected from direct sunlight at temperatures between +5°C and +25°C.

Avoid skin and eye contact. For further safety information see the corresponding Safety Data Sheet.