



Semi Flex Cementitious Waterproofing Membrane

DESCRIPTION

ULTRASEAL 426 is a two-component polymer modified liquid applied flexible cementitious waterproof coating. The two components are simply mixed together to create a workable consistency for easy application. It has superior adhesion to many substrates, including concrete and cement render.

FEATURES AND BENEFITS

- Flexible and accommodate movements
- Good adhesion to sound substrates
- Applicable to damp substrate
- Abrasion Resistant
- Paintable with elastic paint
- Can be tiled over
- Non-toxic

USES

- Water tank, Waste water treatment plants
- Bathrooms, Balconies, Terraces
- Swimming pools and pool decks
- Water features and ponds
- Retaining Walls, Planter Boxes,
- Outdoor Deckings

Complies with EN 1504-2 / BS 6920

Typical properties conducted Form	at 23°C and 50% RH Part A - White Milky Liquid Part B -Grey Powder
Tensile Strength	> 1.5N/mm ²
Adhesion to concrete	> 1.3 N/mn ²
Elongation at break	>140%
Hardness Shore A	>70
Resistance to water Penetration Penetration at	0.2 kgf/cm ³ for 6 hours
Toxicity	Non toxic
Pot Life	30 minutes
Set to touch (at 20°C)	Within 2 hours
Final set (at 20°C)	24 hours

SURFACE PREPARATION

All substrates must be sound and free from dust, excess mortar, oil or other loose particles. Cracks or honeycombs must be repaired with suitable cement mortar. For excessively dry substrate, dampen the substrate and keep it continuously moist for 1 to 2 hours before application. Remove all ex-





cess water or standing water and allow the surface to become almost dry to provide and Saturated Surface Dry condition before applying the waterproofing coating.

MIXING

Mixing ratio of 4 parts powder to 1 part of liquid by weight. Mix in a clean container by slowly adding the powder component to the liquid component whilst stirring using a slow speed heavy-duty electric mixer with a suitable paddle.

Mix until homogeneous slurry is obtained and make sure that no unmixed powder is left at the bottom of the container. Small amounts may be hand-mixed separately.

CURING

Special curing methods are generally not required but some precautions should be taken from rapid drying for application directly under sunlight and windy conditions. Curing of ULTRASEAL 426® shall be at least 24 hours before trafficking to yield optimum strength.

PLACING

The mixed ULTRASEAL 426 can be applied onto the prepared substrate using a bristle brush or roller. Place the material well onto the substrate to achieve full bond. The application of ULTRASEAL 426® waterproofing coating shall be done in minimum of two (2) layers, the first layer in one direction and the second layer in a direction perpendicular to the first coat. Apply the subsequent layers after 3-6 hours curing of the previous coat. Minimum 2 layers at approximately 1.0kg/m² per layer.

CLEANING

The mixed ULTRASEAL 426 can be applied onto the prepared substrate using a bristle brush or roller. Place the material well onto the substrate to achieve full bond. The application of ULTRASEAL 426® waterproofing coating.

PACKAGING

- 20 Kg Kraft Bag
- 5 Kg Pail
- (25 Kg Set)

STORAGE AND SHELF LIFE

Store all materials in a cool dry place, in an elevated condition. ULTRASEAL 426® has a shelf life of 24 months from date of manufacturing if store properly in original unopened packaging