



## ADHERE PROOF - 502

### Rubberize Elastomeric

ADHERE PROOF – 502 is a water proofing system ideally to be used between slabs to protect them against the penetration and lateral movement of water. ADHERE PROOF – 502 water proofing membrane is a cold applied, seamless, elastomeric single component moisture curing bitumen modified polyurethane, specially formulated for hand application by using squeeze or roller to vertical or horizontal surface . It should be applied directly from the container (liquid application) . It is designed especially for use as a flexible continuous waterproofing membrane between two course concrete , between masonry construction and bituminous toppings and also for exterior below grade waterproofing of masonry.

#### USES

Parking garages  
Roof top  
Mechanical rooms  
Bridges  
Balconies  
Cilverts  
Dams  
Concrete tanks  
pools decks  
Shower stalls  
Fountains  
Highways  
Below grade slabs  
Around drains  
Reservoirs  
ADVANTAGES

1. Inherent membrane flexibility  
Permits nominal expansion and contraction without losing bond to substrate  
Durable and remains elastic at extreme temperatures
2. Creates a seamless and continuous protective membrane

Effective water and vapour proofing system  
3. Chemically impervious barrier

Resistance to mild acids, alkalis and salts  
Not susceptible to bacteria attack  
Membrane remains intact after curing even when exposed to elevated temperatures.  
4. Seal Crack

Prevents new concrete from cracking  
Able to rehabilitate cracked surfaces by sealing cracks up to 2mm wide  
5. Easy to apply

No special tools or equipment required  
8. Anti Root

#### Note:

Whilst any information and / or specification contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendation or suggestions made by us, our representatives, agents or distributors as the conditions of use of any labour involved are beyond our control.

By forcing the root to travel elsewhere prevent future root growth while effectively stopping infiltration.

#### PRODUCT PROPERTIES

Tests	Test results	Standard
Shore A Hardness	31	ASTM D-2240
Tensile Strength, Mpa	>2.0	ASTM D-412
Elongation, Percent, Avg	> 800%	ASTM D-638
Puncture resistance, average	34 N	ASTM E-154
100% Modulus, Mpa	1.6	ASTM D-412

Results Shown are typical but are not intended as performance criteria for non-site installed material.

#### COVERAGE

20 litres per 12m<sup>2</sup> (1.65 litre /m<sup>2</sup>) should produce a cured membrane of 1.10mm thick when ADHERE PROOF - 502 is applied by steel over concrete surfaces .A minimum of 1.0mm is recommended to adequately cover nominal surface variations. Coverage may vary with the application technique used . Actual coverage rate and man thickness depends on finishes and porosity of the substrate.

#### APPLICATION INSTRUCTIONS

##### Surface preparations

Surface preparations are required before using ADHERE - 502 .Thoroughly clean concrete surface free of oil , grease, paint and loose dust, mud and laitance and hose down concrete surfaces thoroughly . For best result , all concrete deck surfaces should be lightly steel towelled to a fairly smooth finish. New concrete must be water cured , at least 14 days old and the surfaces must be dry.

##### Static joints and Cracks

Joints and cracks less than (2.0mm) should be filled.

##### Metal preparation

All metal should be wire brushed or sandblasted to bright metal and then application of ADHERE PROOF - 502 of two coats.  
Honeycomb and void

All honey combing form –tie and void detected must be plugged with ADHERE injection grout prior to the application of ADHERE PROOF – 502. For treatment to cold joint between floor slab where vertical walls meets slab , the area shall be prestripped to 100mm wide on the slab of the concrete and 100mm on the corner between the walls and slab . After the surface treatment just prior to or during the application, all dust , dirt and other contaminants must be removed by broom or preferably vacuum.

