

# WP-500FIBER



## METHOD STATEMENT

### STYRENE-ACRYLIC COPOLYMER WATERPROOF LIQUID MEMBRANE COATING WITH INTERNALLY REINFORCED MICRO-FIBRES

#### Description

OBAPROOF WP-500Fiber is based on a newly developed Acrylic Polymers and it is dramatically reduces solar heat absorption in either air-conditioned or non-air conditioned buildings. It takes the majority of the heat load off a building's skin and reduces temperatures to approximately that of outside shade.

#### Surface Preparation

Surface must be sound, dry and clean (free of dirt, gravel, pollution, mildew and all foreign material). Apply if any rain is imminent. Repair flashings and damaged areas. Cracks shall and old bitumen joints shall be repaired first. On existing surfaces must be thoroughly cleaned before applying OBAPROOF WP-500Fiber. Remove all gravel. The main reason of applying gravel on the roof was to protect the old surface from the sun's rays. Removing gravel will greatly reduce the weight load on the provide a firm surface for the new coating. Sweep and vacuum or power wash surface to remove dirt and dust. Cut out roof blisters and repair with acrylic embedded in polyester fabric or polymer concrete. Remove mildew with sodium by pochlorite or other algaecide and rinse with tack down curled, lifted seams flush with the surface. Fill any other gaps with silicon impregnated latex caulk. Any loose shingles should be gently lifted and glued down with roofing cement.

#### Important Notes

1. Minimum ambient and substrate temperature is 5°C
2. Never apply more than 3 kg/m<sup>2</sup> of OBAPROOF WP-500Fiber in one single layer.
3. Apply only to clean, sound substrates where surfaces should be well dampened but free of surface water and leaks.

#### Coverage

On concrete roofs - 30 - 40m<sup>2</sup>/ 20kg/ coat  
On facade/vertical - 40 - 60 m<sup>2</sup>/ 20kg/ coat

#### Application

Apply 1 coat of Oba CM-700 permeable primer directly to the surface to improve the bonding strength between existing surface to water proofing coatings.

OBAPROOF WP-500Fiber is suggested to apply 2 coats. Apply the first coat of OBAPROOF WP-500Fiber on the application surface. Leave to cure for approximately 8 hours before applying second coat.

OBAPROOF WP-500Fiber can be installed with conventional airless spray equipment, brush or roller.

#### Over coating

After the primer, OBAPROOF WP-500Fiber can be applying directly provided with areas exposed hot drying winds. For indoor areas, it is recommended that allow approximately 30 minutes after the primer.

For more details, please refer to our Technical Department.

#### Curing

Allow to coating to cure thoroughly before applying the next coat. 1 - 8 hours of water period, depending on temperature, humidity and wind conditions.

#### Cleaning

Tools and equipment just can be clean with clean water immediately, after use.

#### Safety

Impervious gloves and barrier cream should be used when handling these products. Eye protection should be worn. In case of contact with eyes, wash thoroughly with plenty of water and seek medical advice if symptoms persist. If contact with skin occurs, it must be removed before curing takes place. Wash off with an industrial skin clearer followed by plenty of soap and water. Do not use solvent. Ensure adequate ventilation when using these products.