

Water Guard 247 Plus is a rubber modified bitumen emulsion; it dries to form a black, flexible coating. **Water Guard 247 Plus** is used as a damp proofing, protective coating for rafts, underground structures, civil structures, wet area waterproofing. etc. it can also be used as a waterproofing coat and a curing compound.

ADVANTAGES

- ✓ Exhibits excellent flexibility and waterproofing characteristics.
- ✓ Highly effective waterproof membrane with cost and labor saving.
- ✓ Damp proof membrane in 'sandwich' construction.
- ✓ General purpose water proofer for walls, floors, and roofs.
- ✓ Effective as an adhesive / bonding agent for cork panels. Insulation boards expanded polystyrene etc.
- ✓ Environmentally friendly, non-flammable, asbestos free.
- ✓ Can be used in confined spaces.
- ✓ Excellent resistance to chloride and sulphate ions.

TECHNICAL DETAILS

Property	Test Method	Value
Component	-	Single
Form	-	Viscous liquid
Color	-	Brown to black
Density	ASTM D 1457	1.03 ± 0.02
Drying time	ASTM D 2939	120 – 180 munities
Recoat Time	ASTM D 2939	4-24 Hours
Solid Content	ASTM D 244	60 ± 3%
Rubber Content	-	10% in the dried film.
Surface temperature	-	-20°C to +85°C

*Typical results under laboratory conditions.

SURFACE PREPARATION

The surface treated should be clean, dry, and free from dirt, dust, oil, grease curing compounds, mold release agents, paints, etc. all major cracks to be opened in "V" shape and repaired with crack heal or patch range of crack fillers and repair mortars. Honeycomb or spalled concrete to be repaired with a suitable repair mortar form the patch range of Ressichem Repair mortars. Nail heads and other protrusions that are likely to damage the coating must be removed. Porous surfaces should be primed using **Water Guard 247 Plus** diluted with 15-20% clean water.



APPLICATION

Water Guard 247 Plus is to be stirred well before use. **Water guard 247 Plus** can be applied to the prepared surface using brush, roller, or squeegee. Replace lid of containers when not in use. As damp-proof membrane and vapor barrier 2 coats of **Water Guard 247 Plus** is recommended. Apply the first coat at a thickness between 200 to 500 microns. Allow a minimum of 4 hours between first coat and second coat. The second coat should be applied at right angles at 200 to 500 microns thickness. Where the surface is to receive a plaster finish, render or screed, 'grit' the second coat with clean, dry sand to form a keyed surface. Allow a minimum of 7 days drying period before applying a plaster, render or floor screed. As a curing compound one coat of **Water Guard 247 Plus** is sufficient. **Water Guard 247 Plus** can be applied on the green concrete. This would prevent rapid evaporation of water and formation of shrinkage cracks. If **Water Guard 247 Plus** is spray applied, consistency of the material can be adjusted by adding water.

CURING

Once the application is completed, **Water Guard 247 Plus** should be air cured for a minimum period of 7 days.

PACKAGING

Water Guard 247 Plus is available in 20 Ltr and 200 Ltr Packaging.

HEALTH AND SAFETY

Water Guard 247 Plus is not regarded hazardous for transportation. Do not reuse the packaging and dispose them off as per local rules and regulations. Gloves and suitable masks can be worn during application. Please refer to the MSDS of the product for further health and safety information.