

WATERBLAZER BLK

HIGH PERFORMANCE ALIPHATIC ELASTOMERIC WATERPROOFING SYSTEM

PRODUCT DESCRIPTION:

WATERBLAZER BLK is a high performance, ready to use cold applied single component and elastomeric high build liquid waterproofing membrane based on aliphatic polymer modified emulsion. After application it forms a seamless highly elastic and durable film that adheres well to most of the common e.g. concrete, cement blocks, wood, existing roof felts. WATERBLAZER BLK is highly resistance to chlorides and sulphate commonly present in the soil. It is also highly UV resistant.

APPLICATION AREAS:

It is suitable for waterproofing of Foundation, cellar walls, retaining walls, bridges abutments, balconies, terraces, parking garages, asbestos and concrete roofs, Industrial washrooms & shower, Water reservoirs and swimming pools. It is compatible with cementitious tiling adhesives and used for Facade damp proofing, refurbishing of old waterproofing system including torch-on membrane, Water proofing/Curing membrane and as a protective coating for sub structure.

WATERBLAZER BLK also acts as a non-degradable curing membrane, hence it may be applied immediately after the removal of mould, to the concrete structure,

BENEFITS:

- Single component and cold applied.
- Easy to apply by towel or hard brush.
- Forms tough & elastic membrane of approximately up to 700 -800 Micron thickness.
- Has excellent UV resistance and long term ageing stability.
- Cured membranes remain highly flexible even at extreme temperature (-25 C to 120 C).
- Highly resistance to chlorides and sulphate commonly present in the soil.
- Self-curing type, does not require external curing with water.
- Non-flammable and Nontoxic, suitable for contact with potable water.
- Environment friendly.

WEATHERBLAZER INDIA PVT. LTD.

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TYPICAL PROPERTIES (TECHNICAL CHARACTERISTICS):

Appearance and colour :	Thixotropic black emulsion dries to a black flexible protective membrane.
Non-volatile content	55 % min.
PH value of the mix :	> 9
Ultimate tensile strength (ASTM D 412)	3 N / Sq mm
Tear Resistance (KN/M)	28± 10
UV and Ozone stability	Excellent
Temperature resistance	-25 C to 120 C
Elongation at break (ASTM D412)	> 900%.
Tensile set recovery (ASTM D412)	95%
Protection of building against Ground water	As per BS 102 Code of practice.
Touch Dry	1-2 hours.

DIRECTION FOR USE:

Surface Preparation: Surface should be sound, clean and free of dust, oil, grease and curing compound. Loosely adhered particles such as rust scale, cement smears should be thoroughly cleaned with a wire brush or another such implement.

Mixing/ Primer Coat: All surfaces to be primed with the same product diluted with 50% water whilst metal surfaces need to be primed with a suitable water-based primer. The primer can be applied with a brush, roller or squeegee depending on the size of the area required to be primed. Allow 30–45 minutes at a temperature of 20 °C for the primer to dry before commencing to waterproof with **WATERBLAZER BLK**.

Application process: Mix the content of pack in its original container by stirring with the help of a wooden stick to a uniform, homogenous free flowing paste consistency. WATERBLAZER BLK is a 2-coat application: base coat with material 20% diluted with water and top coat with material 10% diluted with water. Apply the first coat of **WATERBLAZER BLK** by brush or roller generally. Allow the coating to dry for at least 2-3 hours or being touch dry depending on weather conditions before applying second coat. Allow the coating to dry / cure on its own. External curing is not required.

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CLEANING

Tools and equipment to be cleaned with water immediately after the use.

COVERAGE:

Approx. 1 kg/m² @ 700 micron thick in two coats, depending upon site conditions.

PRECAUTIONS

Do not apply on wet or damp surfaces.

Do not dilute more than recommended otherwise dry film thickness will get reduced.

PACKAGING

20, 50 Ltrs.

STORAGE & SHELF LIFE

Shelf life is 12 months in unopened container. Store away from sunlight and preferably below 30°C.

Storage should be frost protected.