

ElastoBlack

ElastoBlack is a highly elastic tough waterproofing system based on modified synthetic latex water based black / grey pigmented cold applied liquid membrane. ElastoBlack is highly resistant to aggressive soils and soluble salts providing an effective continuous barrier and protection against water borne damage.

Benefits

- Liquid application, easy to apply.
- No joints.
- High build properties to ensure rapid application.
- High elasticity, ensuring a permanently flexible barrier over a wide range of temperatures.
- Thermal stability with excellent adhesion.
- Outstanding resistance to oxidation and brittleness.

Physical Properties

<u>Property</u>	<u>Specification</u>
Color	Black / Grey
Form	1 Component
Specific Gravity	1.15
Tensile Strength	3.4N / mm ² <
Elongation at Break	>400%
Touch Dry	After 1 Hour
Recoat Time	Normally after 2 Hrs
Cure Time	24 Hours Approx.
Crack Bridging	Upto 2mm with 10 cycles
Base	Water based

Application Procedure

After preparing the surface for waterproofing treatment

Priming: Dilute the ElastoBlack with 20% water and apply a thin coat as primer.

Cracks: All shrinkage and non-structural cracks must be treated with not less than 1mm coat.

Application: ElastoBlack should be applied by brush to obtain a continuous unbroken film. 2 coats are required with the second coat applied at right angle after the first coat has cured. ElastoBlack must be protected from mechanical damages during subsequent construction or backfilling work. Any damage may be repaired by spot application. If a water ponding test is to be conducted, the membrane should be cured for a minimum 48 – 72 hrs. ElastoBlack is resistant to frost, adhesion will be impaired if applied to frosted substrates. Application should be avoided if substrate temperature is below 5°C or rain is imminent.

Storage

Store between temperature of 5°C and 40°C. Keep containers closed when not in use.

Shelf-Life

18 Months from date of manufacturing provided stored under shade, away from direct heat and sunlight and well protected from freezing.

Pack Size

200kg to 20kg HDPE Drums

