BLACK COAT

Watertite Elastometric Membrane

Black Coat is a single component liquid applied elastomeric emulsion waterproofing membrane. Simple, safe and easy to apply this based compound will cure to form a flexible seamless waterproof membrane. It has excellent hydrolytic and is therefore, resistant to any moisture or water. Water and snow will not change or interfere with the cured properties. Black coat forms a seamless impervious permanent seal. It retains original elasticity to expand and contract with rapid temperature changes.

USAGE: Black Coat is suitable for waterproofing, for both below and above grade, in new construction and for existing structures. Typical application including foundation wall waterproofing (concrete block and poured concrete). It is ideal for permanent exposure (ICF).

BENEFITS FOR INSTALLER:

- Being liquid when applied, it finds its own level and thereby fills small cracks and imperfections, giving a seamless seal and good bond to most construction surfaces.
- Because of its excellent adhesive properties, moisture will not be able to penetrate the seal or travel in between the membrane and surface of structure.
- It is more economical than most conventional or rubber sheeting waterproofing systems.
- It is a VOC compliant. Fresh material does not contain any solvents and it is non flammable.

APPLICATION:

1. Surfaces must be clean, dry and free from lose contaminants. Wire brushing and/or scraping of the substrate may be required to adequately prepare surface.
2. Apply Black Coat with brush or towel. Material must be applied continuously over a surface at a approx. rate of 1 sq m/litre or 200sq ft/ 5 US gall pail, approx. wet thickness of 1.5 mm (60 mil).
3. For crack and non/moving joints less than 1.5 mm (1/16") wide apply Black Coat as directed, embed PENNFLEX reinforcing fabric into fresh membrane and tope over the reinforced area with an additional coat of Black Coat.
4. For flashing applications, cracks larger than 1.5 mm (1/16") wide, dynamic joints and at terminations apply Black Coat as directed, fully embed the prefabricated transition membrane into the freshly cured membrane and top over the edges of the preformed membrane with an additional coat.

CLEAN-UP: Applicator is responsible for the removal of surplus material and waste material incurred during the application. Equipment and tools may be cleaned using water with fresh or mineral spirits for cured material.

STORAGE AND HANDLING: Black Coat is to be stored in a clean, dry and protected area in their original containers sealed and undamaged. Protect from freezing.

PRECAUTIONS

- DO NOT APPLY to surfaces that are excessively wet, oily, frosted, dirty or contaminated in any way.
- DO NOT APPLY when ambient and substrate temperatures are below 3°C and if rain and/or sub-zero temperatures are imminent.
- Black Coat is not designed for permanent exposure.
- Harmful if swallowed, avoid prolonged skin contact with fresh material.
- **KEEP OUT OF REACH OF CHILDREN**

NET WEIGHT: 5 US gallon – 18.92 litres

Properties	Test Method	Technical Data
Colour		Black
Coverage And Thickness		Approx. 1 s m/litre (200sft/ 5 US gall) for 1.5 mm/ 60 mils wet thickness, or 1 mm/40 mils DFT. Min recommended DFT:30 mil
Viscosity		10 000cps
Drying Time		Approx. 8 hrs @50%humidity, 22°C /cool and damp weather will slow drying
Cure Time		Bellow grade foundation- allow to cure 24 to 48 hrs with good air circulation. Do not backfill until membrane is completely dry. Use in conjunction with drainage or protection board.
Application Temperature		Between 3°C /38°F and any working temperature
Shelf Life		Indefinite
VOC CONTENT 0 G/L		Fresh compound DOES NOT contain ANY volatile and flammable solvents Refer to MSDS for detailed information
Trensile Strenght At Max.	ASTM D2939	12N/sq.cm
Solid Content By Wt		60-65%
Elongation	ASTM D412	>1200%
Density		1.02 kg/l
Low Temperature Flexible	ASTM D2939	-12°C
Heat Flow	ASTM D466	Hours at 80°C:2
Water Vapour Permeance	ASTM E96	7 ng/Pa.m2.s /0.12 perms/
Environmental Resistance		Excellent resistance to moisture, industrial atmospheres
Chemical Resistance		Excellent resistance to salts, diluted acid and alkali solutions, bacteria and fungi

MASTERPLAST
www.masterplast.ca

1-866-648-0456 | info@masterplast.ca

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