



DUSEEL 200

(EMULSIFIED BITUMEN PROTECTIVE COATING)

DESCRIPTION

DUSEEL 200 is cold applied emulsified bitumen anionic protective coating manufactured from high quality bitumen and a special chemical emulsifier. The special high quality product gives excellent adhesion to concrete and forms a waterproofing barrier on the structure.

FEATURES AND BENEFITS

- Superior cold liquid applied protective coating
- Excellent adhesion to damp and dry surfaces
- Solvent free, non-flammable
- Penetrates and seals porous substrate
- Resistant to ingress of water
- Seamless coating
- Water based no health hazard
- Forms a tough and resilient film upon drying

SPECIFICATION AND COMPLIANCE

DUSEEL 200 is tested in accordance of ASTM D 2939 and other relevant International Standards.

MAIN USES

DUSEEL 200 is used as:

- Damp proofing and protective coating for a wide range of construction materials such as concrete, precast blocks, cementitious construction, etc.
- Protective layer for concrete foundations, walls and columns.

QUALITY ASSURANCE AND WARRANTY

Duproof is ISO 9001 Quality Assured Company and DUSEEL 200 carries a material warranty against any manufacturing defects.



METHOD OF APPLICATION

SUBSTRATE PREPARATION

1. All substrate must be clean, free from dirt, dust, soil, grease, oil and other loose particles. Substrates that are very dry should be applied with a penetrative coating of **DUPRIME E**. If the concrete is very dry, dampen first with water.
2. Stir the emulsion thoroughly if stored for a long time.

APPLICATION SYSTEM ON POROUS SUBSTRATE (CONCRETE STRUCTURE)

1. Prime the surfaces with water based primer **DUPRIME E** and allow the primer to dry completely (1-4 hours; if the concrete is very dry).
2. Apply a minimum 2 coat by brush or spray equipment.
3. The second coat is applied when the first coat has completely dried.
4. Apply each coat at a right angle to the previous coat to achieve good coverage and uniformity.
5. A third coat is required for very porous substrate.
6. Drying time is 1-4 hours under normal conditions. Under damp and cold conditions, it is recommended to allow 6 hours between successive coats.

DUSEEL 200 is recommended to apply at temperatures above 5°C.

PACKING AND STORAGE

DUSEEL 200 is available in 20 liter pails and 200 liter drums, palletized and strapped. Store at temperature between 5°C and 50°C in a tightly sealed container. Shelf life is minimum of 1 year in a good storage protected from direct sunlight and frost.

HEALTH AND SAFETY

There is no health hazards associated with **DUSEEL 200**, wash with copious amount of water if spilled on the skin.

TECHNICAL DATA

PROPERTY	UNIT	RESULT	TEST METHOD
Solid Contents	%	50 ± 5	ASTM D 2939
Density	Kg/L	0.985 — 1.05	ASTM D 70
Appearance	-	Dark brown liquid forms into black, flexible coating upon drying	In house
Heat Resistance	-	Cured film is non-flowing and non-sagging under service conditions	ASTM D 2939
Service temperature	°C	0 °C to +60 °C	In house
Flammability	-	Non-flammable	-
Coverage	m ² /lit	3 to 4 m ² /lit /Coat-Depending on the substrate	-
Viscosity (Saybolt)	Sec	25 - 50	In house
PH	-	10 - 12	pH meter
Drying Time	hrs	1 - 4	ASTM D 2939

Tolerance based on testing standard

CLEANING OF TOOLS

The brush and spray equipment is cleaned using soap and water immediately after use. Place tools in water during breaks to prevent caking up of the bristles

Tolerances on nominal values shown are as per UEAtc directives for polymer modified bitumen membranes. These data are correct at the time of printing but may be changed without any prior notice subject to clients requirements availability of raw materials or other conditions. This data sheet supersedes all previous publications pertaining to this product. All reasonable care has been taken in preparing this document, which to the best of our knowledge is accurate and true. Recommendations and suggestions are made in good faith and should only be considered for general guidance. No liability is assumed or taken by us in relation to the application, as usage conditions and any labour involved are beyond our control.