DUCOAT R 65

(ELASTOMERIC RUBBERIZED BITUMEN EMULSION PROTECTIVE COATING)

DESCRIPTION

DUCOAT R 65 is an outstanding rubberized, elastomeric, ready to use anionic bitumen emulsion. The elastomeric property of the liquid applied waterproofing membrane provides high flexibility and elasticity of the product to withstand high movements of the substrate due to changing temperatures.

FEATURES AND BENEFITS

- Excellent polymer modified, liquid applied membrane
- Forms a tough, elastic and seamless coating upon drying
- Penetrates and seals porous substrate
- Resistant to dilute chemicals, chlorides and sulphates
- Non-sagging and non-flowing at high service temperatures
- Water based no health hazard
- Resistant to high and low temperatures
- Compatible on various metal and concrete substrates
- Excellent adhesion on damp and dry surfaces

SPECIFICATION AND COMPLIANCE

DUCOAT R 65 is tested as per ASTM D 2939 and other relevant International Standards.

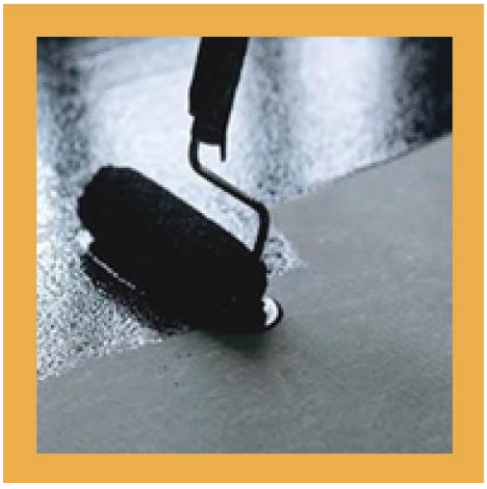
MAIN USES

DUCOAT R 65 is used for:

- Wet areas (bathrooms, kitchen)
- Vapor barrier for walls, floors & roofing structure
- Concrete foundations basements, footings, retaining walls, bridge abutments
- Excellent protective coating for wide range of substrates such as concrete structures, cement blocks

QUALITY ASSURANCE AND WARRANTY

Duproof is ISO 9001 Quality Assured Company and DUCOAT R 65 carries a material warranty against any manufacturing defects.



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METHOD OF APPLICATION

SUBSTRATE PREPARATION

All substrate must be clean and 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. Stir the emulsion thoroughly if stored for a long time.

APPLICATION SYSTEM ON POROUS SUBSTRATE (CONCRETE STRUCTURE)

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

DUCOAT R 65 is recommended to apply at temperatures above 5°C.

PACKING AND STORAGE

DUCOAT R 65 is available in 20 liter pails & 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 are no health hazards associated with **DUCOAT R 65**, wash with copious amount of water if spilled on the skin.

TECHNICAL DATA

PROPERTY	UNIT	RESULT	TEST METHOD
Solid Contents	%	65 ± 5	ASTM D 2939
Density	Kg/L	0.98 — 1.00	ASTM D 70
Appearance	-	Dark brown thixotropic liquid forms into black, flexible coating upon drying	-
Low temperature resistance	°C	0°C	ASTM D 2939
Heat Flow Resistance	-	Cured film is non-flowing and non-sagging under service conditions	ASTM D 2939
Service temperature	°C	0 °C to +60 °C	-
Chemical and water resistance	-	Resistant to water, salt, dilute acids and alkalis	ASTM D 2939
Flammability	-	Non-flammable	-
Coverage	m^2/lit	1 to 1.5 m^2/lit /Coat-Depending on the substrate	-
Drying time	hrs	1.0 — 4.0	-
pH	-	10 - 12	pH meter

Tolerance based on testing standard

CLEANING OF TOOLS

The brush and spray equipment is cleaned using soap and water immediately after use. Brush is dipped in water before and during use for easy application. Place tools in water during breaks to prevent caking up of the bristles. A suitable solvent like white spirit, petrol or diesel oil removes dried emulsion.

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