

HYWAYCOAT

Water and Water Vapour Barrier

HYWAYCOAT IS A LIQUID APPLIED, RAPID DRYING, TWO COAT BITUMEN SOLUTION, WHICH DRIES TO FORM A WATER AND WATER VAPOUR BARRIER.

Euro Polymers Hywaycoat is used to protect iron and steel from corrosion and concrete structures from ground water.

1. APPLICATIONS



- Protection of Iron and Steel from corrosion
- Concrete structures from ground water
- Tank lining (where potable water will be stored)

2. COST BENEFITS

- Simple and rapid application.
- Overcoat in 2 to 4 hours in ventilated conditions.
- Tins can be opened and re-sealed with no surface skinning inside the can.
- Can be applied to green concrete

3. GUARANTEED DURABILITY

HYWAYCOAT is immediately impervious to water and when fully protected and subjected to normal service conditions, will provide an effective barrier to the transmission of liquid water and water vapour for the design life of the structure in which it is incorporated.

HYWAYCOAT meets the requirements of the DTp specification for highway works March 1998 series 2000 clause 2004

The product offers levels of protection required for below ground structures described in BS 8102 : 1990, grades 1,2,3 and 4.

4. TYPICAL PHYSICAL & PERFORMANCE DATA

Form	Bitumen solution
Specific Gravity	0.9 - 0.95
Non Volatile Content	60% w/w
Solvent Type	Spirit
Coverage Rate	6mtr ² /litre/coat, theoretical rates subject to substrate
DFT of Coating	100 microns / Coat
Curing Time	2-4 hours @ 20°C
Overcoat Time	2-4 hours @ 20°C
Application Temperature Limits	-5 to 35°C
Sulphate Resistance	50,000 ppm sulphate
Shelf Life	12 Months
Pack Sizes	5, 20 & 205Lt

5. INSTALLATION

Substrates

- New concrete, screed or render should have a brushed or wood float finish, and should be free from contamination by any material which could impair adhesion. All surface defects should be repaired by approved methods.
- Protrusions greater than 3 mm should be removed.
- Existing concrete, screed or render should be well prepared to provide a dense, defect free substrate.
- Brickwork, blockwork and masonry should be flush pointed.
- Steelwork, should be degreased and then abraded prior to application.
- All substrates should be dry.

Application

Apply using a wide nylon brush, sheepskin disposable rollers or airless spray. The product must not be applied in wet or freezing conditions or if these conditions are likely to occur before the membrane has dried. The product is always applied in 2 equal coats, allowing the first coat to dry fully before a second coat or protection is applied. Normal recoat time is 2 to 4 hours. Clean tools using white spirit or Hydrocarbon solvent.

Coverage Rates (Two coat application)

Coverage	Wet Film Thickness (Per Coat)	Dry Film Thickness (Per Coat)
6m ² / Litre/ coat	150-175 Microns	100 Microns