

DRYBITUTEXHP.211

MODIFIED BITUMINOUS PROTECTIVE AND WATERPROOF COATING

COATING DRYBITUTEX HP is a solvent free fluid applied, SBS elastomeric bitumen jellified emulsion modified with blend of synthetic polymers and special additives with good thixotropic performance provides an effective monolithic air, vapor and water proof membrane when applied to most construction surfaces. DRYBITUTEX HP cures to a tough monolithic, highly flexible seamless rubber-like membrane with good adhesion to almost any solid substrate. Cold-applied by brush, roller, trowel or spray.

USES

- ▶ Water proofing /damp proofing of most substrates.
- ▶ Provides an air, vapor and rain barrier to construction surfaces such as masonry, concrete, gypsum board and wood.
- ▶ Protection of foundations, columns and beams.
- ▶ Water proofing, vapor, air protection of structures retaining walls and facades
- ▶ For use as an adhesive on wood blocks, wood mosaics, polystyrene insulation boards etc.
- ▶ Waterproofing for interior, exterior walls and wet areas.

FEATURES

- ▶ Joint less membrane when it cures with crack-bridging capabilities extremely ▶ versatile & high performance.
- ▶ Tough rubber-like – flexible, elastomeric and damage resistant.
- ▶ Single component-cold applied and ready to use
- ▶ Excellent adhesion to most building substrates
- ▶ Efficient curing membrane to newly placed concrete
- ▶ Excellent resistance against chemicals (acids and alkalis)
- ▶ Environmentally friendly, cold applied – no flame hazard. Friendly and non-hazardous.

COFIRMATION

BITUTEX HP confirms to ASTM 2939 standards and British standard BS 3690 “protection of buildings against water, vapor and air, damp proofing and adhesive used in buildings.

SPECIFICATION

211 Specific Gravity	1.14
Color	Brownish liquid and black upon when it cures.
Volume Solids (%)	Min.66%
Rubber content	16% min
Service temperature	-4C° to 120 °C
Application temperature	min 4C°
Surface Dry (Hrs)	30 min depends upon the climatic conditions.



engineered to perform

DFTPHYSICAL PROPERTIES

Tensile strength (ASTM D 412)	1.5 N/mm ²
Elongation (ASTM D 412)	800% with 100% recovery
Shore A hardness	58
Adhesion strength	1.4N/ mm ²
Minimum thickness	1000 micron DFT
Water resistance (ASTM D 466)	No re-emulsification
Water vapor Permeance, @1000 micron DFT (ASTM E 96)	0.02 perms (1.73 ng/Pa x s x m ²)
Air permeance (ASTM E 2178)	0.002 L/s m ²
UV exposure	Min 1 year
Coverage	1 m ² /1.2litre@1000micron DFT

All values are subject to ± 5-10% tolerances.

APPLICATION PROCEDURE

SURFACE PREPERATION

All surfaces must be sound, clean and free from dust, oil or grease and other loose materials. Surface may be damp but there should not be any standing water and can be applied to fresh freshly cast concrete too.

APPLICATION

Apply in two coats with minimum total DFT of 1000micron. The succeeding coats should be applied at right angles to the preceding coats. For best results allow each coat to dry then apply next prior to the surface becoming contaminated. If subsequent coats are applied to 'non-cured' coats, inter-coat bubbling may result.

Tools: Application may be by brush, roller, or airless spray.

Brush: Suitable for small areas and flashings. Use a synthetic bristle brush.

Roller: Recommended when coating small areas. Use a smooth roller. Airless

Spray: 4000 psi min. ½" hose min. 0.025 to 0.039 inch orifice reversible tip.

STORAGE

Shelf life one year in closed container.

PACKING:

Available in 20 litre Pail.

HEALTH AND SAFETY:

DRY BITUTEX is non-flammable, non-toxic and no health hazards.

SAFETY & PRECAUTIONS: The use of gloves and goggles against splashes are recommended. If in eyes, flush thoroughly with clean water, holding open to ensure trapped product may be flushed away. If swallowed, give water to drink and seek medical advice. If inhaled, unlikely due to products viscosity, remove to fresh air and apply artificial respiration if required and seek medical attention. If on skin, remove contaminated clothing and wash skin with soap and water.

