



An Industrial Care
Company

Tel: 021-32201072 Email: Patsa.industrial@gmail.com

Web: www.patsaonline.com

ENVIROTECT

An Acrylic Based Roof Protection Coating with UV Resistance

Technical Data Sheet

PRODUCT DESCRIPTION:

Envirotect is a specialty paint system of Patsa paints which is a multilayer, fluid applied, and a seamless membrane system. Envirotect is acrylic based, high build, elastomeric roof coating which forms a tough, durable, flexible membrane which reflects Ultra-Violet radiation and prevents the passage of water and water vapor. Envirotect offers an economical, fast and easily applied alternative to preformed roofing materials such as asphalt, boards etc. It also has the advantage of being quick and easy to repair which reduces the cost maintenance. The system provides up to 10 years protection when applied according to the manufactures instructions.

RECOMMENDED USES

Suitable for the protection and sloped surface waterproofing of many external surfaces, particularly roofs. Typical substrate includes:

- Concrete
- Cement
- Metal
- Wood
- Bitumen
- Polyurethane insulation boards
- And the vast array of building materials derived from these products

PROPERTIES

Appearance: Eggshell

Color: White

Spreading Rate: Up to 1.25 sq.mtr./Kg at a 275 μ DFT depending on surface texture, porosity, thickness and application method

Drying Time: Surface dry and re coatable after 1 hour (under normal drying conditions and depending on the thickness when applied)

Packing & Shelf Life

Shelf Life: 2 Years when stored in dry and cool conditions

Pack Size: 18 Kg. (Bulk pack can be offered on request)

APPLICATION DATA

Stir well before use. Apply by brush, roller, squeegee or airless spray. (For details of spray equipment contact PATSA's Technical Services Department at 021 32201072)

Thinning

Not normally necessary, supplied ready for use (The first coat on absorbent surfaces may be thinned with up to 15% sweet water).

SPECIFICATIONS

Preparation

(New and previously decorated surfaces)

General

All surfaces should be sound, clean, dry and free from loose and flaking material, dirt, efflorescence, laitance, curing compounds, form release agents, grease, wax, oil etc. Horizontal cracks should be filled with PATSA ENVIROTECT. Larger vertical cracks should be filled with suitable fillers.

See notes [i, ii, iii]

Wood and Wood based panels

Prime with 30% thin down coat of Envirotect

Metal

(Ferrous-Iron, Steel etc)

Remove all corrosion and mill scale to produce a clean metallic surface (for details of preparation methods contact PATSA's Technical Services Department).

Prime with a suitable anti-corrosive primer

Metals

(Non-Ferrous-Galvanized Steel, Aluminum etc.)

Thoroughly wash down the surface with Thinner # 7 frequently changing cloths. When dry, prime new unweathered surfaces with one coat of PATSA Acryoxide metal primer.

Cleaning

Clean all tools and equipment immediately after use with clean water.

Caution

Do not use when humidity levels may cause surface condensation (maximum 85%), during rainy conditions, or if temperatures are likely to fall below 5°C during application and drying. Protect from frost.

NOTES:

- i. Organic growth (moss, fungus, mildew) should be treated with a propriety fungicidal treatment in accordance with manufacturer's instructions.
- ii. Surface of high porosity (very chalky and powdery) should be primed with one coat of PATSA Aquaprime X.
- iii. On previously decorated surfaces, after the removal of loose and flaking material, apply PATSA Aquaprime to bare areas overlapping onto the existing the decoration.
- iv. Apply each successive coat at right angles to the preceding coat.
- v. The first coat may be thinned up to 15% depending on the porosity of the surface.
- vi. To give additional strength either at joints or over the whole surface embeds a layer of fiber glass tape or sheet in the second coat. (For details contact PATSA's Technical Services Department).

SAFETY FLAMMABLE

Use only in well ventilated areas. In case of insufficient ventilation during application wear suitable respiratory equipment. Do not breathe vapor / spray.

In case of contact with eyes rinse immediately with plenty of sweet water and seek medical advice. Keep out of reach of children.

IMPORTANT NOTICE

These products are sold subject only to the expressed warranties contained herein. Additional warranties, expressed or implied, and any warranty of merchant ability is hereby excluded. Buyer agrees that seller assumes no liability for consequential damages of any kind, which result from the use or misuse of the merchandise sold hereunder. In the event that the buyer proves that any goods received do not conform to the specifications agreed to between the parties or if the buyer proves that such goods were defectively manufactured. The buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the non-conforming goods at the option of the seller. Such remedy being exclusive of all others and the sole remedy available to the buyer, hereby expressly waives any claim to additional damages.

PATSA Industrial Products & Services

Head office:

Steel House West Wharf Road,
Karachi-74000, (Pakistan)
Tel: 32201072, 32313113
Fax: 92-21-32310976
Email: patsa.industrial@gmail.com

Distribution Office:

70/5 Timber Pond, Kemari,
East Wharf Road, Karachi-75620
Ph: 32856602-32856601
Fax: 32856598