

Weberdry ES 116

Bituminous Polyurethane

Weberdry ES 116 is an environmentally friendly one-part liquid applied, polyurethane modified bituminous elastomeric.



PRODUCT BENEFITS



ECO FRIENDLY



ELASTOMERIC



GOOD ADHESION

USES

Weberdry ES 116 can be use for exposed/concealed roof, retaining wall, lift pit, wet area, basement, gutter and concrete tank. Weberdry ES 116 can apply at other areas of use such as planter boxes, concrete water tanks (non-potable water), wet areas, basement, foundation walls and lift pits.

ADVANTAGES

- Enhances sound dampening properties
- Highly elastomeric
- Good adhesion
- Environmentally friendly

TECHNICAL DATA & PHYSICAL PROPERTIES

| | |
|--|---|
| Solid Content | Minimum 65% |
| Water Penetration | 0 |
| Water Vapour Transmission (ASTM B117) | Approx. 15gm/m ² |
| Adhesion to Substrate | Approx. 0.4N/mm ² |
| Tensile Strength | Min 3N/mm ² (with Fibreglass Netting) |
| Elongation | Approx. 300% |
| Crack Bridging | No cracks at 2mm and after 10 cycles of stretching and closing to a width of 1mm |
| Hardness Shore A | > 50 (with Fibreglass Netting) |
| Turpentine/Alkali Resistance | Good |
| Heat Resistance | No sagging, blistering or slipping |
| Water Resistance | No dispersion, blistering or re-emulsification |
| Fire Resistance | No combustion or rundown, coating charred in place |
| UV Exposure 1000hrs | No change in colour, cracking, chalking, blistering or peeling decay and delamination |

PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. Surfaces should be dry for homogenous material quality. New concrete must be cured for at least 28 days. Treat all expansion joints, pipe joints and down pipes with Weberseal PU sealant.

SAINT-GOBAIN (SINGAPORE) PTE LTD

2 Venture Drive, #13-18,
Vision Exchange, Singapore 608526

(65) 63308288 (65) 63308289

eis.info@saint-gobain.com www.saint-gobain.sg

SAINT-GOBAIN WEBER (M) SDN BHD

No 29 & 31, Jalan TIAJ 2/1, Taman Industri Alam Jaya,
42300 Bandar Puncak Alam, Selangor D E, Malaysia

(603) 60389498/97/89 (603) 6038 9507

info.webermalaysia@saint-gobain.com www.saint-gobain.my

PROCEDURE & APPLICATION



Priming

Dilute Weberdry ES 116 with 15% of water for priming purpose. Do not dilute when applying as body or top coat. Apply primer in a continuous application and allow primer to dry. The required drying time is 1 to 2 hours and let it cure for 24 hours. Where the substrate is old and porous, please prime twice. Allow at least 12 hours for complete solvent evaporation before applying Weberdry ES 116.



Coating

Apply the first coat of Weberdry ES 116 at right angle to the primed surface after 24 hours and allow it to dry. Then, apply Weberdry ES 116 subsequently. Ensure each coat is dry-to-touch prior to application. For Weber Glassfibre Netting, lay it between the first and second coat. Immediately apply the second coat at a right angle to the first coat of Weberdry ES 116. Ensure that the Weber Glassfibre Netting is fully saturated and immersed with Weberdry ES 116 to ensure effective bonding. Then, leave it to dry.

CONSUMPTION

Approx. 0.4 - 0.6 @ 1 m² per coat. WFT @ 500um - 600um per coat, DFT @ 0.33 mm - 0.39 mm per coat. Actual consumption rate will depend on the porosity and profile of the substrate to be coated.

STORAGE & PACKING

Weberdry ES 116 is available in 20 litres pails.
Shelf life of 12 months if unopened and kept in dry and cool conditions. Keep out of direct sunlight.

HEALTH & SAFETY

In case of contact with eyes, rinse immediately with plenty of water, and seek medical assistance. Please keep out of reach of children.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain reserves the rights to amend the contents of the data sheet at its sole discretion. (Nov'24)

SAINT-GOBAIN (SINGAPORE) PTE LTD

2 Venture Drive, #13-18,
Vision Exchange, Singapore 608526

(65) 63308288 (65) 63308289

eis.info@saint-gobain.com www.saint-gobain.sg

SAINT-GOBAIN WEBER (M) SDN BHD

No 29 & 31, Jalan TIAJ 2/1, Taman Industri Alam Jaya,
42300 Bandar Puncak Alam, Selangor D E, Malaysia

(603) 60389498/97/89 (603) 6038 9507

info.webermalaysia@saint-gobain.com www.saint-gobain.my

