

Weberdry ES 119

Liquid applied, water-based, bitumen, root resistant membrane

Weberdry ES 119 is a water-based, one-part liquid that is eco-friendly and can restrict root growth. It works in areas where root traps and deflectors are ineffective. Upon drying, the black coating is both durable and flexible. As a root inhibitor, Weberdry ES 119 proves to be highly effective when applied at a specific thickness.



LEADER
SGBP 5291



PRODUCT BENEFITS



WATER
BASED



SEAMLESS



ROOT
RESISTANT

USES

Weberdry ES 119 effectively inhibits root growth and safeguards construction materials against unwanted root penetration without harming plants. It offers lasting protection and can be added directly to cement for creating structures like planter boxes. The primary function of Weberdry ES 119 is to impede the growth and lengthening of roots, and its effect is localized. Roots that sprout in proximity but do not come into contact with Weberdry ES 119 remain healthy and unaffected.

ADVANTAGES

- Suitable for substrates with intricate shapes and surfaces
- Forms a homogeneous, seamless, waterproof barrier with no laps or joints
- Economical waterproofing method for planter boxes, roof gardens, landscape areas
- Root resistant; prevents plant roots from puncturing the waterproofing membrane
- Heat, water, and fire resistance; remains effective under harsh pressure

TECHNICAL DATA & PHYSICAL PROPERTIES

Total Solid Content	Min. 50 %
Active Ingredient	Preventol B2
Water Penetration	0 - No water penetration
Application Rate	0.60 - 0.80 kg /m ² /coat
Tensile Strength	Min. 5 N/mm ² (with fibreglass netting)
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
Lupine Test (DIN 4062 Part 5.7)	No penetration of any roots

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

PRECAUTION

To minimize root damage and maximize soil area for plants, it is advisable to install barriers along or around the infrastructure.

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PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be dry, clean, sound, and free from any laitance, oil, grease, and any contaminants.



Application

Stir well until mixture is homogenous and free from lumps before application. It can be applied by brush or roller in multiple coats to the desired thickness. Apply one coat of Weberdry ES 119 and allow approximately 4-6 hours for the first coat to dry before applying the second coat. Apply the second coat in a perpendicular direction to the first coat. The third coat can be applied to achieve the desired thickness. Leave the final coat of Weberdry ES 119 to dry for at least 48 hours before proceeding to conduct any flooding test.



Weberdry ES 119 is cured naturally by air curing. Water leakage test may commence after 48 hours from the application of the final coat of Weberdry ES 119 from which the water waterproofing coating would have dried after curing in ambient conditions.

CONSUMPTION

Approx. 14 - 15m² for 2 coats application for 20 litres pail. 2 coats application is recommended to achieve 1 mm DFT.

CLEANING

All tools and equipment should be cleaned with water immediately after use. Remove cured material mechanically.

STORAGE & PACKING

Weberdry ES 119 products are available in 20 litre metal pail.
Shelf life of 12 months if unopened, and kept dry and in cool conditions.

HEALTH & SAFETY

In case of contact with eyes, rinse immediately with plenty of water, and seek medical assistance. After contact with skin, wash immediately with plenty of soap and water. 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 (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Jun '23)

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