

Product Data Sheet

WB Primer

Water-Based Primer

Description

Duram WB PRIMER is a water based, concrete compatible, polymer emulsion which enhances the adhesion of Durabit EF, Duram Azcoflex range of acrylic membranes, and Cristoflex membranes.
WB Primer is a penetrative primer with good adhesion properties particularly to porous substrates.

Uses

WB Primer should be used to prime porous substrates over which a water based membrane or coating will be applied. It is NOT suitable for use on metal, non porous surfaces, shiny or very smooth concrete, glazed tiles, marble, terrazzo and particle board or chip board.

Suitable Surfaces

WB Primer is suitable for use on the following substrates: Concrete (porous), cementitious surfaces, Render, block work, fibre-cement sheeting, plaster board and brick.

Note: In wet areas and timber surfaces (particularly particle board and chip board) the surface should be primed with Duram Primeseal (two coats).

Specification

The information contained in this product data sheet is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement but the applicator or contractor must use their skill, knowledge and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the Company in writing.

Limitations

- WB Primer is not recommended for particle board or chip board. Duram Primeseal is recommended for these surfaces.
- WB Primer is not a vapour barrier. For exposed areas such as roofs or where there is a risk of entrapped moisture in the surface which can cause membrane to bubble, they should be primed using Duram Primeseal.

Benefits and Advantages

- Simple to apply.
- Concrete compatible.
- Beds down dust.
- Aid the adhesion of water based membranes to the surface.
- Very economical.
- Safe and environmentally friendly to use.
- Single pack.

Precautions in Use

WB Primer is user friendly. Nevertheless, avoid contact with skin and eyes. If in eyes, flush with water holding eye lids open to remove product from under lids. If on skin, remove contaminated clothing and wash skin with soap and water. If swallowed, do NOT induce vomiting. Give plenty of water to drink. The use of gloves and eye protection is recommended. If poisoning occurs contact a doctor or the poison information centre.

Application

WB Primer can be applied by brush, broom, roller or spray.

One good coat at the rate of 3m²- 4m³ per litre is generally sufficient. However significantly porous surfaces, friable and dusty surfaces may require the application of a second coat.

For best results the subsequent membranes or coatings should be applied to the primed surface as soon after the primer has fully dried and before the surface is contaminated with dust or other substances. Ensure that the primed surface is clean and has not been contaminated by dust or other matter as this will diminish the adhesion of the following membrane. If contaminated, clean the surface and apply a further coat of WB Primer.

Coverage

The stated average coverage rate may vary depending upon type, condition, porosity, texture of the surface and application technique.

Approximately 3m² to 4m² per litre per coat.

Colours

Milky White. Clear almost clear with slight wet look.

Drying and Curing

Drying and curing of the product is affected by type, dryness and porosity of the surface, temperature, humidity, ventilation, climate conditions and application technique and therefore drying and curing can only be given as a guide.

Leave to dry for up to 24 hours before application of the waterproofing membrane.

Storage

Store in cool dry area. Keep out of reach of children. Available in 1,4 and 15 Lt pails.

Clean Up

Clean up will be difficult on porous surfaces but for non porous surfaces wet spills may be cleaned up with an absorbent cloth.

Tiling, Topping or Top Coating

Not Applicable.

Safety & Precautions

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For full safety data refer to the products Material Safety Data Sheet. Observe precautions as per label.

Conditions of Use and Disclaimer

The information contained in this data sheet is given in good faith based upon our knowledge and current information and does not imply warranty. The information is provided and the product sold on the basis that the product is used for its intended use and applied in a proper workman like manner in accordance with the instruction in this data sheet onto suitable and correctly prepared surfaces which shall remain sound, stable, free of structural defects, cracking, spalling concrete cancer, negative pressure, movement or other conditions that may effect the performance of the product. Deviations from application instructions may diminish or negate the performance of the product. Under no circumstances will the Company be liable for any loss, consequential or otherwise, arising from the use of the product. Liability is limited to the replacement of proven faulty product.

Uses:

Duram WB Primer should be used to seal and prime all porous substrates over which a water based membrane or coating will be applied.

Health Warning Information

Health Effects

Swallowed: Irritating and nauseating. Single dose oral toxicity is regarded as low.

Eye's: Irritating, corneal damage is unlikely.

Skin Contact: Minor irritation, prolonged contact should be avoided.

Inhaled: Can be irritating, adverse effects not anticipated.

First Aid

Inhalation: Unlikely due to the nature of the product. Move person to fresh air. If breathing stops, apply artificial respiration. Seek immediate medical advise.

Eye: Flush eye's with clean water, holding open to ensure product is removed from inner lid. Seek medical help if symptoms persist.

Ingestion: Give milk or water to drink, vomiting can be induced if the patient is conscious.

Advice to Doctor

Treat Symptomatically.

Precautions in Use

Low risk. Observe normal industrial hygiene and precautions.

Exposure Limits

N/A

Ventilation

Good ventilation is recommended. If person is affected by volatiles or smell, (low odour) then remove to fresh air.

Personal Protection

Face mask, goggles and gloves (against splashes) are recommended.

If spraying in confined areas or in misty conditions use an approved mist respirator.

Safe Handling Information

Storage and Transport

Storage: Store undercover in a cool dry place. Do not allow the product to freeze.

Suitable containers: Plastic pails as recommended by manufacturer.

Check container is labeled and not damaged.

Spills and Disposal

Spills: Apply sand to spills and dispose of in accordance with the local council regulation.

Disposal: Can be eliminated from sewage / effluent by chemical flocculation.

Fire / Explosion Hazard

Product is water based no direct hazard.