



AZCOSEAL

CLEAR, 'WET LOOK' ACRYLIC SEALER AND PRIMER

DESCRIPTION

Azcoseal is a premium clear acrylic in a solvent solution. **Azcoseal** is formulated to provide a versatile sealer capable of deep penetration into a wide range of substrate and cures to form a clean, tough (hard) and resilient coating in a satin (semi- gloss) finish.

Azcoseal is an effective and long-lasting sealer against water penetration, wind driven rain and salt spray.

Azcoseal is also designed as a penetrative primer for subsequent water based and polyurethane waterproofing membranes and high build paints and coatings and is particularly useful in high density and low-porosity surfaces such as tilt-up slabs.

Applied to pavers, brick, sandstone and masonry surfaces, **Azcoseal** gives an appealing 'wet-look' finish.

CAUTION: Sealed surfaces may be slippery when wet.

USES

- Sealing and weatherproofing porous substrates such as face brick against rain and salt spray.
- Providing a penetrative primer for water based and polyurethane waterproofing membranes, high build paint and architectural finishes on to porous substrates or over existing painted surfaces.
- Encapsulating and sealing friable substrates such as asbestos sheeting.
- Providing an attractive 'wet-look' sealer over pavers, brick, sandstone and masonry surfaces.
- Reactivating existing acrylic coatings prior to recoating

SUITABLE SURFACES

- Concrete
- Cement,
- Cement Render
- Block & Brickwork
- FC and CFC sheeting,
- Blue Board
- AAC, Hebel
- Composite sheeting
- Plywood
- Cement Pavers
- Sandstone
- Concrete Stencil
- Masonry Surfaces
- New& Old Acrylic coatings and membranes
- Vitreous, ceramic & Terra Cotta surfaces

Advice from Duram should be sort for the most appropriate priming method for these surfaces. Duram has a recommended system for all the above.

***Note:** Particle Board is not regarded as a suitable substrate for wet areas and particularly shower recesses and should be replaced with CFC sheeting. As a minimum, Particle Board should be sealed with one to two coats of **Duram Primeseal MC**. All joins and corners must be sealed with a polyurethane sealant and a reinforced fabric used in conjunction with the membrane. Surfaces must be made good and should be sound, stable, dry, clean and free of dirt, dust and contaminants and suitably primed.

ADDITIONAL USES

- Concrete Sealer
- Dust Sealer
- Suitable primer for Duram products including: **Multithane range-Duram 195-Durabit Range – Azcothane Range**

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

- Test areas are highly recommended, particularly if coating pavers and terracotta tiles as solvents may dissolve entrapped salts which may discolor the coating and tile.
- We strongly recommend that the user carries out testing and test patches prior to use as products and materials may vary.
- Is **NOT** recommended for particle board or chip board. **Duram Primeseal MC** is recommended for these surfaces.
- Is **NOT** a vapor barrier. For exposed areas such as roofs or where there is a risk of entrapped moisture in the surface which can cause the membrane to bubble, **Duram Primeseal MC** should be used.
- It is **NOT** suitable for use on metal, some non-porous surfaces, shiny or very smooth concrete, glazed tiles, marble, terrazzo, particle/chip board.
- Do not use on substrates where the membrane or what is adhered to the membrane is UV exposed. The preferred primer for these areas is **Duram Primeseal MC**.
- **Do Not** use on substrates which contain high concentrations of moisture, over wet or seeping areas, saturated substrates, and continual dampness.
- Is not a vapor barrier and should only be used when there is a low risk of entrapped moisture, the preferred primer for these areas is **Duram Primeseal MC**.
- Cured coating may be slippery when wet.
- If area becomes wet before product has cured, it may turn product to a milky colour.
- Cured coating may be slippery when wet.

If used as a primer in exposed applications, ensure that solvents have fully evaporated before top coating. If not, there is a risk that the topcoat may bubble.

BENEFITS AND ADVANTAGES

- Quick drying - usually within 1 hour, with a large extended top coating window
- Single component, easy to apply formula
- Designed to fill pores, bed down dust with excellent film forming properties
- Very economical & cost-effective process
- Dries tough and hard
- Low dirt pick up
- Provides a waterproof barrier against water ingress
- Minimises surfaces fragmentation as it has excellent binding properties
- UV Resistant, suitable for exposed areas.
- Dries clear with an attractive satin finish.
- When used as a primer it enhances the water proofing properties of the overall system.
- It incorporates cross- linking technology to enhance adhesion of the membrane ensuring a strong system bond to the substrate.
- Enhances the overall performance and functionality of the waterproofing membrane.
- Has good strength, elasticity, and penetrative qualities.
- Improves the coverage and ease of application of the applied membrane.
- Suitable for use on most porous substrates.
- Low viscosity (modulus) for deep penetrating into the porous substrates
- Quick re-coat or topcoat times

PRECAUTIONS IN USE

Follow all safety precautions as per product label and data sheet. **Azcoseal** contains solvent and is therefore flammable while still wet. Ensure that all sources of ignition are kept well away. Ensure area is well ventilated. Adequate masks should be worn when spraying. Protect surrounds against over spray. Observe all precautions on the Safety Data Sheet. In exposed areas, do not apply if rain is imminent and protect coating from rain and inclement weather until fully cured.

Cured product may be slippery when wet.

SURFACE PREPARATION

Good preparation is essential. Surfaces must be sound, stable, dry, clean and free of dust, loose, flaking, friable material and substances that may diminish adhesion.

Remove efflorescence and wash area and allow to dry before application.

When used as a primer best results are achieved if it is top coated as soon after the **Azcoseal** has fully cured.

Ensure solvents have fully evaporated.

PRIMING

Self-priming formula.

DETAILING PREPARATION

Refer to the Duram general surface preparation guide

All porous surfaces must be clean, dry, and free of any contaminants prior to the application of **Azco seal** primer/sealer.

Fill voids in concrete with **Duram WB/Primeseal** modified mortar.

Grind out cracks to form a V, fill joints, cracks with Duram sealant.

Prime with **Duram Primeseal MC** if membrane or what is adhered to the membrane is subjected to external UV exposure.

Clean with water blaster using chlorine to remove any mold, vacuumed up all loose material.

Remove paint to any metal fixtures or fittings to 150mm from floor, prime with suitable metal etch primer.

APPLICATION

Azco seal can be applied by brush, roller or spray, in 2 or more coats at the following minimum application rates (increase rates for highly porous surfaces):

- As an encapsulating binder: Two coats at 4m² per litre per coat. Product should be worked well into the substrate.
- Clear weatherproof sealer: Two coats at 4m² per Lt per coat.
- As a primer: One coat at 4m² per Lt.
- Trafficable 'wet - look' finish: Three coats at 4m² per Lt per coat.

Allow each coat to dry before applying each additional coat. For best results apply subsequent coats within 24 hours of the previous coat.

COVERAGE

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

General coverage rate is 4m² per Lt per coat.

COLOURS

Azco seal is a clear product and dries to a clear, semi-gloss finish.

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.

At 25°C and 50% RH (per coat):

- Touch dry: 1 to 2 hours
- Dry: 2 to 6 hours
- Full cure: Within 24 hours.

Service Temperature: 10°C to 50°C

Application Temperature: 5°C to 30°C

STORAGE

Azco seal should be stored in a cool, dry place and kept clear of sources of ignition as product is flammable. Class 3 dangerous goods must be declared prior to transportation.

Azco seal is available in 4 and 15 Lt pails.

Shelf Life: Up to 12 months in unopened containers and 6 months after resealing open pails. Performance and shelf life can vary when stored in extreme conditions.

TILING, TOPPING OR TOP COATING

If used as a clear sealer the product is not recommended to be tiled or topped as the product is usually left exposed. However if used as a primer, then the product can be over coated with suitable Duram membranes and coatings.

SAFETY AND PRECAUTIONS

Sealed surfaces may be slippery when wet. The use of Solvent resistant gloves, mask and eye protection is recommended. Observe the safety precautions on the TDS and Safety Data Sheet.
Keep all sources of ignition away from product.
Use only in well ventilated areas.

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

CONDITIONS OF USE AND DISCLAIMER

The information contained in this TDS is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided and the product is sold on the basis that the product is used for its intended purpose and is used in a proper workmanlike manner in accordance with the instructions of the TDS in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.

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