



### PRODUCT 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 substrates and cures to form a clean, tough (hard) and resilient coating in a satin (semi-gloss) finish.

### USAGE/PURPOSE

- ❑ Sealing and weatherproofing porous substrates such as face brick against water penetration, wind driven rain and salt spray.
- ❑ Providing 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.
- ❑ 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.
- ❑ Concrete and dust sealer.
- ❑ Suitable Primer for Duram products including: Multithane Range, Duram 195, Durabit Range, Azcothane Range.

### FEATURES & BENEFITS

- ❑ 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.
- ❑ 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.
- ❑ Has good strength, elasticity, and penetrative qualities.
- ❑ Suitable for use on most porous substrates.
- ❑ Low viscosity (modulus) for deep penetrating into the porous substrates.

### PACKAGING

15L Pail.

### COLOUR

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

### 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.

### STORAGE

Azcoseal 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.



### 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.
- ❑ It is NOT recommended for particle board or chip board. Duram Primeseal MC is recommended for these surfaces.
- ❑ It 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.
- ❑ It 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 the product is 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.

### COVERAGE/YIELD

The stated average coverage rate may vary depending upon type, condition, porosity, texture of the surface and application technique. General coverage rate is 4m<sup>2</sup> per Lt per coat.

**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 & Terracotta Surfaces

**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, the best results are achieved if it is top coated as soon after the Azcoseal has fully cured.
- Please ensure solvents have fully evaporated.

**PRIMING**

Self-priming formula.

**DETAILING PREPARATION**

- All porous surfaces must be clean, dry, and free of any contaminants prior to the application of Azcoseal 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**

Azcoseal 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 4m<sup>2</sup> per Lt per coat. Product should be worked well into the substrate.
- Clear weatherproof sealer: Two coats at 4m<sup>2</sup> per Lt per coat.
- As a primer: One coat at 4m<sup>2</sup> per Lt.
- Trafficable 'wet - look' finish: Three coats at 4m<sup>2</sup> 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.

**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

**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.

**CLEAN UP**

- Clean all adjacent areas to remove any stains or spills with Duram Solvent.
- Clean tools or equipment with Duram Solvent before materials cure.
- Clean hands by soaking in hot, soapy water, then brushing with a stiff-bristle brush.

**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. 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.

**HEALTH & SAFETY PRECAUTIONS**

Azcoseal contains solvents and is therefore flammable while still wet. Ensure that all sources of ignition are kept well away. Use only in well ventilated areas. Sealed surfaces may be slippery when wet. The use of solvent resistant gloves, mask and eye protection is recommended. The Safety Data Sheet (SDS) must be read and understood prior to use.

**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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