

Technical Data Sheet

AS-265

High-Performance Water-Based Acrylic Primer for Waterproofing & Coatings

1. DESCRIPTION

AquaShark® AS-265 is a high-performance water-based acrylic primer system designed to penetrate porous substrates and establish a high-strength positive bond between the background and subsequent water-based waterproofing membranes and acrylic protective coatings. AS-265 seals surface porosity, prevents pinholing, consolidates friable backgrounds, and is fully suitable for internal as well as external applications.

2. USES

- Dedicated primer for acrylic waterproofing membranes and elastomeric coatings.
- Internal wet areas including bathrooms, shower recesses, kitchens, and laundry rooms.
- External balconies, decks, terraces, and podiums.
- Swimming pools, water containment features, and wet enclosures prior to membrane application.
- Drywalls, compressed fibreboards, timber substrates, and lightweight blocks.
- Waterproofing areas that will be tiled or protected from direct continuous mechanical abrasion.

3. KEY FEATURES & ADVANTAGES

- **Positive Adhesion:** Creates a powerful chemical and mechanical bond with water-based coatings.
- **Substrate Versatility:** Excellent compatibility with concrete, screeds, timber, and fibre cement sheets.
- **Fast Drying:** Dries in approximately 2 hours, facilitating fast-track waterproofing and same-day coating.
- **Porosity Sealer:** Penetrates deep into substrate pores, eliminating dusting and controlling suction.
- **Interior & Exterior:** Resistant to UV rays and ambient weather exposure; suitable for indoors and outdoors.
- **Eco-Friendly:** Non-toxic, low odour, water-based formulation with low VOC (11 g/L).

4. SUITABLE SUBSTRATES

- New and existing concrete (cured ≥ 28 days), cement-sand screeds, and renders.
- Compressed fibre-cement sheets and plasterboard.
- Timber and wood composite boards.

5. TECHNICAL SPECIFICATIONS & PHYSICAL PROPERTIES

Property	Specification / Value (@ 27 $\pm$ 1°C)
Appearance	White / Pink coloured free-flowing liquid



Specific Gravity	1.00 – 1.10 g/cc
Drying Time	Approx. 2 hours
Bond Strength to Concrete	> 1.5 N/mm ² (or concrete substrate failure)
VOC Content	11 g/L (Eco-friendly / Low VOC)
Application Temperature	+10°C to +35°C

6. PACK SIZES & COVERAGE ESTIMATES

Pack Size	Theoretical Coverage (@ ~5 m ² /Litre)
1 Litre Container	Approx. 5 m ² (54 sq.ft)
5 Litres Jerrycan	Approx. 25 m ² (270 sq.ft)
20 Litres Drum	Approx. 100 m ² (1,075 sq.ft)

Coverage Note: Coverage Rate: Approx. 5 m² per Litre per coat.

Note: Coverage rates will vary depending on substrate porosity, texture, and absorption profile.

7. APPLICATION INSTRUCTIONS

A. Substrate Preparation

- **Cleanliness:** The surface must be dry, structurally sound, and free from oil, grease, wax, polish, laitance, curing compounds, dust, and barrier materials.
- **Curing:** Allow new concrete to cure for minimum 28 days and screeds for minimum 21 days as per standard practice.
- **Joint & Detail Treatment:** All dynamic/static cracks, construction joints, pipe penetrations, bore packings, and corners (coves) must be treated and sealed prior to application.

B. Application Procedure

1. Stir the entire contents of JengaShield® AS-265 thoroughly before application. The product is supplied ready for use.
2. Using a brush or medium-to-long nap roller, apply AS-265 uniformly across the prepared substrate.
3. Ensure comprehensive coverage on all details including pipe penetrations, bore packings, expansion joints, and corner fillets.
4. Allow the primer coat to dry for at least 2 hours at 27°C before applying subsequent waterproofing membranes or coatings.

C. Application Rules (Do's & Don'ts)

- **Temperature Limit:** Do not apply AS-265 if the ambient or substrate temperature is below 10°C or above 35°C.
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- **Overcoating Window:** Primed surfaces should preferably be overcoated within the same day (within 24 hours) to avoid dust accumulation and intercoat contamination.

8. CLEANING, STORAGE, SAFETY & DISCLAIMER

- **Cleaning:** Wash hands, brushes, and rollers with clean water immediately after use while material is fresh. Cured primer can only be removed mechanically.
- **Storage & Shelf Life:** 12 months shelf life when stored in original unopened containers in a dry, clean store between +5°C and +30°C. Protect from frost, direct sunlight, and heat sources.
- **Safety Precautions:** JengaShield® AS-265 is non-toxic and water-based. Avoid contact with skin and eyes; avoid inhaling vapours/mists. Wear protective eyewear and gloves. In case of skin contact, wash with soap and water. If in eyes, flush immediately with clean water and seek medical advice. Keep out of reach of children. Refer to SDS.
- **Warranty & Disclaimer:** BGSB Construction Products Ltd warrants that its products are free from manufacturing defects. Technical recommendations are provided in good faith based on extensive laboratory testing and field experience. BGSB accepts no liability for loss or damage arising from incorrect site conditions or improper application.