

Technical Data Sheet

HR AQUA SEAL GREY

Cementitious 2-Component Rubberized Waterproof Coating



Product Description

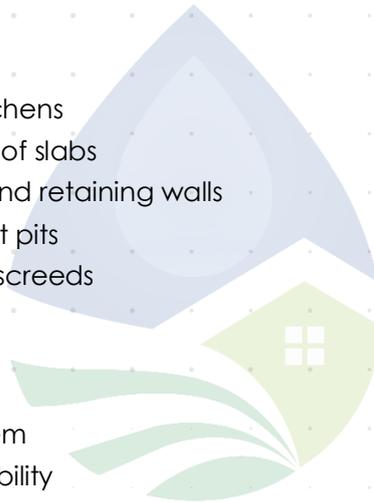
HR Aqua Seal Grey is a high-performance two-component cementitious rubberized waterproof coating, consisting of a specially graded cement-based powder (Component A) and a flexible polymer liquid (Component B). When mixed, it forms a highly elastic, crack-bridging, and waterproof membrane suitable for both positive and negative water pressure applications.

Applications

- Bathrooms, toilets, and kitchens
- Balconies, terraces, and roof slabs
- Basements, foundations, and retaining walls
- Water tanks, sumps, and lift pits
- Wet areas under tiles and screeds

Key Features & Benefits

- 2-component flexible system
- Excellent crack-bridging ability
- Resistant to positive & negative water pressure
- Strong adhesion to concrete, masonry, and plaster
- Non-toxic and suitable for potable water contact (after curing)
- Easy brush or trowel application



Technical Properties

Property	Typical Value
Color	Grey
System	2-Component (Powder + Liquid)
Mixing Ratio	As supplied (Component A : Component B)
Pot Life	30 – 45 minutes
Consistency	Brushable / Trowelable slurry
Drying Time	4 – 6 hours between coats
Elongation at Break	>50% to 60%
Final Cure	7 days



Application Temperature	+5°C to +40°C
Coverage	1.5 – 2.0 kg/m ² for 2 coats

Method of Application

1. Clean the surface thoroughly; remove dust, oil, grease, and loose particles.
2. Pre-dampen the surface with clean water (do not leave standing water).
3. Mix Component B (liquid) with Component A (powder) using a slow-speed mechanical mixer until a lump-free slurry is achieved.
4. Apply the first coat using a brush or trowel.
5. Allow to dry for 4–6 hours, then apply the second coat in a cross direction.
6. Protect from rain and direct sunlight during curing.

Surface Preparation

- Concrete must be cured for minimum 14 days.
- Repair cracks, honeycombs, and voids before application.
- For joints and corners, reinforce with fiberglass mesh if required.

Storage & Shelf Life

- Store in a cool, dry place
- Protect from moisture and direct sunlight
- Shelf Life:
 - Component A: 12 months
 - Component B: 12 months (unopened)

Health & Safety

- Use protective gloves, goggles, and mask during application
- Avoid inhalation of cement dust
- Wash skin with water after contact
- Refer to MSDS for complete safety details



Limitations

- Do not apply on frozen or very hot surfaces
- Not recommended for areas with constant movement without reinforcement
- Protect coated surfaces from mechanical damage

Disclaimer

The information provided in this Technical Data Sheet is based on laboratory testing and field experience. Performance may vary depending on site conditions and application methods. The manufacturer shall not be held responsible for misuse of the product.

