

Technical Data Sheet

HR SEAL

Transparent Waterproof Coating



Product Description

HR Seal is a high-quality transparent waterproof coating designed to provide a clear, protective, water-repellent layer on concrete, masonry, and other surfaces. It forms a seamless, breathable film that protects surfaces from water ingress, weathering, and carbonation while maintaining the natural appearance of the substrate.

Applications

- Exterior and interior walls
- Roof slabs, terraces, and balconies
- Parapet walls and boundary walls
- Basements, foundations, and retaining walls

Key Features & Benefits

- Transparent, maintains original surface appearance
- Provides waterproofing and water repellency
- Breathable – allows moisture vapor to escape
- UV-resistant and durable against weathering
- Easy application by brush, roller, or spray
- Suitable for interior and exterior use



Technical Properties

Property	Typical Value
Appearance	Clear Liquid
Base	Acrylic / Polymer
Drying Time	2 – 4 hours (surface dry)
Recoat Time	4 – 6 hours
Final Cure	24 – 48 hours
Application Temperature	+5°C to +40°C
Coverage	0.2 – 0.4 kg/m ² per coat (depends on substrate porosity)
VOC Content	Low / Non-toxic



Method of Application

1. Ensure the surface is clean, dry, and free from dust, grease, and loose particles.
2. Repair cracks or defects prior to application.
3. Stir HR Seal thoroughly before use.
4. Apply evenly using brush, roller, or spray equipment.
5. Apply a second coat after recommended recoat time for enhanced protection.
6. Protect surfaces from rain, dust, and direct sunlight during curing.

Surface Preparation

- Remove dirt, loose particles, old paint, and laitance.
- Highly porous surfaces may require a primer coat for better penetration.
- Ensure the surface is dry before application.

Storage & Shelf Life

- Store in a cool, dry place away from direct sunlight and frost
- Keep container tightly closed
- Shelf Life: 12 months in unopened packaging

Health & Safety

- Avoid prolonged skin contact and eye contact
- Use gloves and protective goggles if needed
- Wash hands with water after handling
- Refer to MSDS for full safety instructions

Limitations

- Not suitable for areas with ponding or standing water
- Avoid applying on damp or wet surfaces
- Performance may vary on highly cracked substrates without repair

Disclaimer

The information provided in this Technical Data Sheet is based on laboratory testing and practical experience. Actual performance may vary depending on substrate conditions and application methods. The manufacturer assumes no responsibility for misuse.

