

Technical Data Sheet

HR ELASTO COAT

Elastomeric Waterproof Coating



Product Description

HR Elasto Coat is a high-performance elastomeric waterproof coating designed to provide long-lasting protection against water ingress. It forms a flexible, seamless, and UV-resistant membrane capable of accommodating structural movements and thermal expansion, making it ideal for exposed surfaces.

Applications

- Roof slabs and terraces
- External walls and parapets
- Balconies, podium decks, and sunshades
- Metal roofs, AC ducts, and GI sheets
- RCC structures exposed to weather

Key Features & Benefits

- Highly elastic and crack-bridging
- Excellent UV and weather resistance
- Seamless, joint-free waterproof membrane
- Strong adhesion to concrete, masonry, and metal
- Easy application by brush, roller, or spray
- Suitable for exposed applications



Technical Properties

Property	Typical Value
Appearance	Smooth Liquid
Color	White / Grey (other colors on request)
Base	Elastomeric Polymer
Elongation at Break	≥ 300%
Drying Time	4 – 6 hours between coats
Final Cure	7 days
Application Temperature	+5°C to +45°C
Coverage	1.0 – 1.5 kg/m ² for 2 coats



Elongation at Break

>300%

Method of Application

1. Ensure the surface is clean, dry, and structurally sound.
2. Remove dust, grease, oil, and loose particles.
3. Apply the first coat using brush, roller, or spray.
4. Allow to dry for 4–6 hours.
5. Apply the second coat at right angles to the first.
6. Allow full curing before exposure to water or traffic.

Surface Preparation

- Repair cracks and defects before application.
- Prime highly porous surfaces if required.
- Reinforce joints, corners, and cracks with polyester or fiberglass fabric for enhanced durability.

Storage & Shelf Life

- Store in a cool, dry, shaded place
- Keep containers tightly closed
- Protect from freezing and direct sunlight
- Shelf Life: 12 months in unopened packaging

Health & Safety

- Avoid contact with eyes and skin
- Use protective gloves, goggles, and suitable clothing
- Wash hands with water after use
- Refer to MSDS for detailed safety information



Limitations

- Do not apply on wet or damp surfaces
- Not suitable for areas with constant water immersion unless protected
- Protect coating 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 improper use of the product.

