

ISO-SHIELD COAT F 1068

Product Data Sheet

Description:

ISO-SHIELD COAT F 1068 is a single component, rich in acrylic, ready for use. for external and internal applications over of concrete and masonry substrates. for excellent UV resistance. and long term weathering.

Uses:

ISO-SHIELD COAT F 1068 provides excellent protective and decorative fair face coating, and can use for:

- Bridge abutments.
- External concrete of storage tanks.
- Retaining walls.
- Pre-cast elements.
- Industrial complexes.

Advantages :

- Forms a protective layer against chlorine, carbon dioxide.
- Easy and quick application with brushes, rollers, and airless spray.
- Highly waterproofing and Excellent resistance to UV (ultraviolet rays).
- A wide range of decorative colors is available.
- High plasticity flexible.
- Resistant to climatic conditions.
- Stable matt finish color helps cover imperfections.

Application procedures:

Surface preparation

- The surface must be sound and free of oil, grease, dust and other unwanted residual material which will affect the bonding.
- Preparing the surface to be isolated by grinding the concrete and cleaning it to reach the strong concrete layer.
- Repair any hairline cracks and holes with ISO REPAIR 6000.

Mixing

Apply two coats of ISO-SHIELD COAT F 1068 is recommended.

-The first coat can be diluted by up (10% - 15%) with clean water to obtain the primer depending on the surface porosity.

- the second coat time can be applied depending on the ambient temperature(see Technical Properties table).



Technical Properties:

Colour :	Grey - White - Light Grey and other colour on request.		
Drying (Temperature)	10°C	20°C	40°C
Surface dry :	6 hrs.	3 hrs.	1 hrs.
Recoat time (min.):	6-12 hrs.	3-6 hrs.	1-3 hrs.
Specific gravity:	1.40 kg/litre.		
pH:	8 - 8.5.		
Thickness, dry:	100 microns.		
Thickness, wet:	180 microns.		
Solid content:	50 - 55%.		
Application temperature:	5 to 45°C.		
Flexibility ISO 1519 BEND TEST:	Pass (25 mm mandrel).		
UV resistance: ASTM D4587 @400 hr cycles	Pass.		
Particle size: Hegman gage ASTM D1210	20 ± 5 micron.		
Coverage:	200 g/m ² .		

Packing:

ISO-SHIELD COAT F 1068 is available in :
- 20 kg White / Grey / Light Grey. Other colour on request.

Cleaning:

Clean all tools and application equipment with clean water immediately after use. Hardened / cured material can only be removed mechanically.

Storage:

Store under cover, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air-conditioned environment.

Shelf life:

Store under cover, out of direct sunlight and protect from extreme temperatures. Shelf life is up to 24 month when stored as per recommendations .

Health and Safety:

As with all construction chemical product, caution should be always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally allowed, do not induce vomiting, but call for medical assistance immediately.



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