



Exterior & Interior Wall

COLOURLAND ELASTOSHIELD PROTECTCOAT NO.2 Product Code: ESB 2000 Series

Colourland ElastoShield ProtectCoat No.2 is an exclusive single component intermediate coating specially formulated with an advanced high-build modified polymer to form a tough, flexible, colored and waterproof protective membrane coating. The cured membrane coating is seamless, durable, UV-resistant and bond strongly to the primed and exposed concrete flat roofs and metal surfaces. It is highly recommended to be used together with Colourland ElastoShield Weather No.3 for new and also restoration and renovation project (based on Colourland ElastoShield 123 System).

Usage	It is highly recommended for the application as followed : 1. Concrete (Slab / Roofing) : Apply above screeds on top Colourland ElastoShield Sealer No.1 to perform as a damp proof membrane coating as per Colourland ElastoShield 123 recommended system. 2. Roofs : Apply as a base intermediate coating before Colourland ElastoShield 123 Finishing top coat to perform as a proper protective roof coating against leakages. (based on Colourland ElastoShield 123 System) 3. Basement : Apply as a base intermediate coating before Colourland ElastoShield 123 Finishing top coat to perform as part of waterproofing system beneath ground level protective against leakages and rising dampness. (based on Colourland ElastoShield 123 System)
Pack Size	5 kg and 20 kg

Performance Specification		
Tensile Strength	(DIN 53455)	> 2N / mm ²
Elongation at Break	(DIN 53455)	> 250 %
Adhesion Strength	(ASTM D4541)	> 1N / mm ²
Crack Bridging	(ASTM C836)	> 2mm (no crack)
Water Vapour Transmission	(ASTM E96)	~ 25-35 g/m ² / 24 hours
Dirt Retention Property	(SS 500 : 2002)	Before Washing – 95 (Pass: DCI > 92) After Washing – 96 (Pass: DCI > 95)

(Note: To achieve the above specification, the total DFT, dry film thickness must >0.6mm)

Composition	
Pigment	Lightfast Non – Lead Pigments and Mineral Extenders.
Binder	Modified Acrylic Dispersion.
Volume Solids	50%
Thinner / Cleaner	Water.

Properties	
Texture	Smooth Sheen Finish.
Colour	A wide range of colours. Refer to the Colourland Colour Vision Fandec.
Theoretical Coverage	1.30 kg / m ² (0.6 to 0.7mm DFT)
Drying Time	Touch Dry, 1 – 2 Hrs / Hard Dry, 4 Hrs. (Dependent on Temperature and Humidity).
Recoating Interval	4 hours.

Directions for Use	
Application	Stir well before use. Application can be carried out by using brush, roller or squeegee.
Thinning	Use directly as it is or dilute with a maximum of 5% water.
Cleaning Up	Clean all equipment with clean water immediately after use.



Colourland®
paints

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Application Instructions

All surfaces to be treated must be clean, thoroughly dry and free from all defects or poorly adhering material like dirt, grease and wax. All joints (width: >2mm) shall be sealed with a suitable low modulus, high performance, paintable joint sealant before primed with 1coat of **Colourland ElastoShield Sealer No.1** .

For general interior and exterior wall application, it is advised to be painted with 1 coat of **Colourland ElastoShield ProtectCoat No.2** followed by 1 coat of **Colourland ElastoShield Weather No.3** after the priming process.

For high stress areas (e.g., internal corners, gaps, outlet cracks, pipe intrusions and etc.), it is advisable to primed the substrate with 1 coat **Colourland ElastoShield Sealer No.1**, allow to dry for 2-4 hours. Then apply 2nd coat with **Colourland ElastoShield ProtectCoat No.2** together with recommended heavy duty reinforcing material to provide a fully reinforced trafficable system at perpendicular direction and allow drying for a minimum of 24 hours. After it, apply **Colourland ElastoShield Weather No.3** as top coat to provide perfect protective coat.

Painting Guide (Colourland ElastoShield 123 System)

Surface Condition	Primer (1)	Tie Coat (2)	Finish (3)
Powdery Surfaces	ElastoShield Sealer No.1	ElastoShield ProtectCoat No.2	ElastoShield Weather No.3
Alkaline / New Surfaces	ElastoShield Sealer No.1	ElastoShield ProtectCoat No.2	ElastoShield Weather No.3
Sound Surface	ElastoShield Sealer No.1	ElastoShield ProtectCoat No.2	ElastoShield Weather No.3
Previously Painted Surfaces	ElastoShield Sealer No.1	ElastoShield ProtectCoat No.2	ElastoShield Weather No.3