

Stericoat

Fungi Static, Decorative, Total Protection Against Mould and Bacteria

Description	Stericoat is a resin rich water-based fungi static protective and decorative finish, due to its advanced technology, it is nontoxic and a one-product answer to hygiene problems, where ordinary paint fails to offer a comparable phenomenon.
Where to use	• Stericoat will actively guard against mould growth throughout its long life and drastically reducing the danger of contamination and infection • Food and beverage industries • Pharmaceutical industry • Hospitals and clinics • Electronic and high technology clean rooms
Advantages	• Simple spray or brush application combines protection with an attractive low glare decoration • Contains non-toxic, non-leaching fungicides-free from mercurial, phenols and arsenic • Tough, dirt resistant surface which can be cleaned with scouring powder and even steam • Expands and contracts with substrate movement • Vapor permeable composition to breathe out substrate dampness • Resistant to many industrial chemicals • Easy to apply one component system
Properties	
Density	1.3 - 1.35 Kg/lit
Application temperature	5 °C - 35 °C
Surface finish	Matt
Flash point	Non flammable
Drying time	3 – 4 hours
Water vapor permeability	4.8 gm/m ² /day
Chemical resistance	Standard 10% solution of acids and alkali's, such as Nitric acid or Caustic Soda failed to cause break-down on Stericoat membrane
Temperature resistance	+120 °C
Solids by volume	60%
Surface Preparation	• All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss and algae growth • Concrete substrates should in addition be fully cured, laitance-free and free from any traces of mould release oils and curing compounds • To ensure an unbroken top coating is achieved; surfaces containing blow-holes or similar areas of pitting should first be filled with Kemrepair
Mixing	• Stir thoroughly the content

Application	• Protect during application glass areas, plants, grass, joint sealant, asphalt and bitumen-painted surfaces • All prepared substrate should first be primed using Bonding Primer at a rate of 150 -200 gm/sq.mt, and allow to dry for a minimum of 8 hours at 20 °C before applying Stericoat and under no circumstance should the primer be over coated until the surface is dry • All primed substrates should be treated with two coats of Stericoat • Stir the material well before use • The first coat should be applied to all areas by the use of suitable brushes or rollers to achieve a uniform coating, and be allowed to dry for not less than 4 hours at 20 °C before continuing • The second coat should be applied exactly as detailed above • Stericoat may be applied to large areas by use of suitable airless spray equipment • and reference should be made to PROKEM before commencing the work
Expansion Joints	Shall be installed in accordance with local building codes. Never bridge an expansion, contraction, or construction joint
Cleaning	Clean brushes and spray equipment with water immediately after use
Theoretical Coverage	0.11 Kg/m ² at 50 microns D.F.T Minimum of 2 coats are required
Packaging	5 Kg pails 20 Kg pails
Shelf life & Storage	Stericoat has a shelf life of 12 months if kept in original, undamaged packing in a dry warehouse
Health and Safety	• Use goggles gloves and a breathing mask when applying • Apply forced ventilation in confined spaces • Remove splashes from skin with hand cleaner or soap and water • Eye splashes to be washed with plenty of water • If ingested seek medical advice
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction PROKEM reserves the right to change the properties of its products All orders are accepted subject to our current term of sale & delivery Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request PROKEM extends technical services to include after sales support to assist users in a proper handling of our products