

Pro- Sandshield – 50

Soil Stabilizer and Dust Control Agent

Description	Pro- Sandshield - 50 is a concentrated solution of modified styrene acrylic co-polymer and special plasticizers that when mixed and applied, it bonds soil particles together to resist dust, erosion and stabilize soil. When it dries, it is non-toxic surface crust
Where to use	• Unpaved roads • Parking lots • Construction sites • Driveways and access roads • Bonds and canals
Advantages	• Simple and easy to apply • Non corrosive and safe for all equipment • Water and UV-resistant • Non-slippery and safe to drive on • Non-leaching and durable • Soil resistant • Environmentally safe • Greater load strength
Properties	
Appearance	White
Odor	Mild
Density	1.0 – 1.1 Kg/L
Flash Point	Non flammable
Cure Time	1 – 2 Days @ 20 °C
Solids Content	50 % ±2%
Depth	5 – 15 cm (depending upon the traffic resistance desired)
Tests	It complies with EN - DIN - 53765, 53455, 53479, 53787, 53189, ISO 1625, 1148, 2115
Usage	• All road surfaces should be graded and sloped (depth 10 - 15 cm) to allow the drainage • Mix with potable water (not more than 20 ppm of salt) with a ratio of water: Pro-Sandshield 50 (1:6) for mixed in application and (1:10) for topical application • Apply the product with pressurized spray equipment for large areas, a tank with tight starter, a non-clogging pump, spray hoses, and fire hose type nozzles for small areas • Compact the road • Light application of the material should be sprayed over the surface as a final finish • Do not let the material dry between coats to avoid skinning rather than penetration • Spraying should be uniform • Leave the material to cure 1–2 days at 20 °C • Areas to be treated must be free from rain or water for 72 hours minimum
Cleaning	Tools and application equipment should be cleaned with Water immediately after use
Theoretical Coverage	2 – 3 L /m ² (for 10 - 15 cm depth) Number of coats 1 – 2 coats Consumption is varied according to the composition and particle size distribution of the soil

Packaging	5 Kg Pails 20 Kg Pails
Shelf life & Storage	Pro – Sandshield – 50 has a shelf life of 12 months if kept in their original packaging in a dry cool condition
Health and Safety	• This product is non-toxic but normal precautions should be observed • Wear hard gloves and tight goggles • Wash off any skin splashes with fresh water • Irrigating the eye with an eye bathing solution should treat eye contamination • Ensure adequate ventilation in confined spaces and use breathing aids • If ingested, drink milk or water and seek medical attention • In cured state the product is not known to cause an adverse environmental effect
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 product