Alliance Remedial Supplies Limited

Suppliers of specialist building materials
and renovation treatment products

DryFix Epoxy
Kennel & Cattery Floor Paint

DryFix Epoxy Kennel & Cattery Floor Paint is a heavy-duty epoxy resin floor coating designed for highly trafficked areas where contact with animals is highly likely. Our coating is animal safe, for both dogs and cats, antibacterial and exhibits the highest strength whilst offering smooth, attractive gloss finish. It will provide protection to floors that demand high levels of durability and performance that is heavily trafficked.

DryFix Epoxy Kennel & Cattery Floor Paint is formulated to hide water spotting and UV colour staining. Our epoxy can cure at any temperature. We can offer different colours on request, but problems can arise if the conditions are cold, open to the weather or direct sunlight.

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EPOXY SEALER

DryFix Epoxy Sealer is a two-part, solvent free, epoxy resin for sealing and impregnating concrete floors that demand outstanding performance. A tough, durable, chemical resistant surface that are easy to clean. The glazed finish is capable of withstanding heavy and intense trafficking.

Preparation: Concrete floor surfaces must be clean, sound, dry and free from grease, oil and other forms of contamination. Concrete laitance should be removed by either acid washing using Concrete Etch or by floor grinding. This sealer must not be applied onto previously painted floors. New concrete should be at least 14 days old.
Mixing Application: Empty the entire contents of Pack "B" (Hardener) into Pack "A" (Resin) and stir using a mixing paddle and an electric drill on a slow speed for 3 minutes. For small quantities mix by hand. Ensure you reach both the sides and bottom of the container during the mixing process. Once fully mixed use all within 35 minutes. Apply the sealer immediately after mixing by brush or roller. Two coats are normally required for maximum resistance. For best inter coat adhesion, apply the second application immediately the first coat is touch dry normally the following day.
Coverage: $6m^2$ & $12m^2$ depending upon the site conditions that prevail i.e., porosity and texture and temperature of the substrate.
Pot Life: When fully mixed, approximately 30 minutes @ 20°C. Extended pot life at lower temperatures, reduced at high temperatures.
Curing/Hardening Time: Tack free in 12 hours @ 20°C. Light traffic after 24 hours @ 20°C. Heavy traffic after 2 days. Full cure in 7 days @ 20°C. ***DO NOT USE*** at temperatures below 5°C.
Chemical Resistance: Resistant to spillages of many chemicals commonly met within industry.

Properties

Parameter	Unit	Figure	Method
Hardness 13°C, 24 Hours	Shore D	58	DIN 53505
23°C, 24 Hours		69	
23°C, 7 Days		77	
Compressive Strength	N/mm^2	99.72	EN ISO 604
Bending Tensile Strength	N/mm^2	72	EN ISO 178
Tensile Strength	N/mm^2	41	EN ISO 527-1
Abrasion Resistance	mg	55	Tabar abrasion (CS10, 1000, 1000)

EPOXY COATING

DryFix Epoxy Coating is a high-quality industrial epoxy floor paint. This solvent free, twin pack will provide a painted flooring resistant to intense trafficking and chemical spillages resistance from most solvents, oils, greases, and fuels. This coating can also be applied onto previously painted floors providing the existing floor paint is clean, sound and well abraded prior to application. Existing sealed or painted surfaces do not need a primer. Fine aggregates can be sprinkled upon the wet coating during its application to provide some slip resistance.

Preparation: Surfaces must be clean, dry, sound, and free from grease, oil, dust, and other forms of contamination. Concrete laitance should be removed by acid washing and rinsed thoroughly. This coating can also be applied onto previously painted floors providing the existing floor paint is clean, sound and well abraded prior to application. Best results are achieved using an STG Floor Sander and carborundum discs papers. Vacuum the area clean.
Repairs: Fill all deep obvious holes or wide cracks (not expansion jointing) with Epoxy Filler or Patching Mortar prior to priming. Apply the Epoxy Coating within 7 days of the primer system. Existing sealed or painted surfaces do not need a primer.

Mixing: Wear Personal Protective Equipment: protective eyeglasses and vinyl gloves. Empty the entire contents of Pack "B" (Hardener) into Pack "A" (Resin) and stir using a mixing paddle and an electric drill on slow speed for 3 minutes. Use immediately after mixing and all within 35 minutes.
Application: Apply the coating immediately after mixing by brush or paint roller. One coat upon a primed surface will provide excellent durability. Fine aggregates can be sprinkled upon the wet coating during its application to provide some slip resistance.
Coverage: $6m^2$ & $12m^2$ depending upon the site conditions that prevail i.e., porosity and texture and temperature of the substrate.
Pot Life: When fully mixed approximately 35 minutes at 20°C. Extended pot life at lower temperatures.
Curing/Hardening Time @ 20°C: Tack free after 18 hours. Light traffic after 24 hours. Heavy traffic after 2 days.
Chemical Resistance: Resistant to spillages of most chemicals commonly met within industry.

Properties:

Parameter	Unit	Figure	Method
Hardness 13°C, 24 Hours	Shore D	58	DIN 53505
23°C, 24 Hours		69	
23°C, 7 Days		77	
Compressive Strength	N/mm^2	90	EN ISO604
Bending Tensile	N/mm^2	72	EN ISO178
Tensile Strength	N/mm^2	41	EN ISO527-1
Adhesion/Pull Off Strength	N/mm^2	2	DIN EN 13578
Abrasion Resistance	mg	55	Taber (CS10, 1000, 1000)

Slip Resistance: The fully cured coating will become slippery when wet. Additional slip resistance can be achieved by the incorporation of the optional fine aggregates sprinkled upon the wet surface during its application.
Limitations: Do not apply onto wet concrete or in temperatures below 5°C.