

TECHNICAL DATA SHEET

DOLPHIN Floor Adhesive

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PRODUCT DESCRIPTION

Dolphin Floor Adhesive is based on premium quality synthetic resin, additives, tackifier, and fine grade mineral fillers. It is acrylic water-based adhesive and compatible with most of the substrates.

TECHNICAL PROPERTIS



Properties	Test Method	Unit	Specifications
Color	Lab Test	Visually	Cream
Appearance	Lab Test	Visually	Smooth Paste
Open Time	Lab Test	Min	20 to 30 (depending on ambient temperature, substrate & application)
Curing Time	Lab Test	Hours @ 25°C	48 (Approx.)
Specific Gravity	ASTM D 1475	g/cm ³	1.20 ± 0.15
Viscosity @ 25°C	ASTM D 2196	cPs	20000 to 40000
Solid Content	ASTM D 1644	%	70 ± 5
Coverage (0.1-0.2mm wet film thickness)	Lab Test	g/m ²	850 (depending on type of surface and application)
Shelf Life	Lab Test	Month	12
Flammability	ASTM D 3278		Flammable (wet product)

Note:

* Curing time (Skin Over Time & Tack Free Time) may vary depending on climatic condition during application.

* Information on this data sheet is subject to change without prior notice and should not be used for writing specifications

TYPICAL USES

- Multi-Purpose Floor & PVC Vinyl Adhesion
- Bonding of PVC sheet, Vinyl coverings and tiles, EPDM sheet, Polystyrene board, PU foam and similar material with concrete, metals and wooden substrates
- Bonding substrate with porous and non-porous surfaces
- Floor heating installations. However, the heating should be switched off at least 48 hours before and after the installation of floor coverings.

KEY FEATURES

- Environmentally safe.
- Easy application.
- Quick setting.
- Suitable to most of the surfaces.
- Good coverage.
- Heat resistant.
- Non Flammable.
- Water resistance.

PREPARATION	The surface has to be leveled, sound, dry and clean (accordingly to BS 8203).
APPLICATION INSTRUCTION	Application surface should be dry and dust, rust, and grease-free. Stir well before use. Apply the adhesive uniformly on the substrate using a fine trowel, brush or roller and wait for 15-20 minutes for adhesive to become tacky and then lay the floor covering. Bonding over existing floor coverings should be avoided. Clean any excess adhesive with water immediately.
COVERAGE	Coverage depend upon the nature of the surface to be applied. On average, smooth surface will give First Coat - 850 gm/sq.mtr.
PACKAGING	Dolphin Floor Adhesive is available in 5 kg bucket, 10 kg bucket and 20 kg bucket.
STORAGE AND SHELF LIFE	Store away from sunlight and preferably below 30°C. Storage should be frost protected. Dolphin Floor Adhesive has 12 months shelf life if stored in required conditions.
SHIPPING LIMITATIONS	None
HEALTH AND SAFETY	As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. In case of eye contact, flush eyes with water for 15 minutes and call for medical help. Ingestion causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately. For skin contact, flush with water or soap and water until all traces have been removed. Seek medical attention if required

KEEP OUT OF REACH OF CHILDREN • KEEP CONTAINER TIGHTLY CLOSED • FOR INDUSTRIAL & PROFESSIONAL USE

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