

PYCOL

Multi-purpose bonding agent / admixture for cementitious compounds



the construction chemist...

Introduction

PYCOL is polyvinyl acetate based adhesive in the form of a milky white viscous paste, and is ready to use. It is the adhesive used for all wood working applications. It is non-flammable and non toxic in nature.

Characteristics

Solvent free, Non hazardous, Non flammable, No fire hazards
Free from offensive smell
If required it can be diluted with clean water till applicability is achieved
Very quick setting time. Handling strength is achieved within 4-6 hours of application
Superior flow and spread ability, hence good coverage
Excellent bond strength offering better moisture resistance
Heat resistance in normal case
Can be applied by brush, roller, spreader, fingertip or any suitable applicator
Easy to clean while wet
Excellent film formation

Technical Data & Properties

Appearance	White milky emulsion
Density	1.08 + 0.05
Viscosity@ 25°C	20000 – 35000 cps (Brookfield)
Open time	20 to 60min
Curing time	Initial 6 hours, final 24 hours
Maximum Temp Resistance	upto 120 degC
Dry Film Nature	Tough
Toxicity	Non Flammable/Non toxic
Preservatives	Anti-fungicidal/ Anti-Microbial

Product Management

Surface Preparation: Surface to be bonded should be free from oil, grease, dust and dirt and should be dried and properly leveled. For best result roughen the surface to be bonded

Application: Stir the content before using. Apply even coats of PYCOL first on comparatively non porous surface and then on the porous surface . Apply the coating in lengthwise in one surface and breath-wise in the other surface for more compatible bonding. Before allowing the adhesive to dry, bring both the surfaces in contact, make proper alignment, and start pressing from one side by using wet squeezed cloth to avoid bubbles, and ensure uniform contact.

Keep the bonded surface under pressure for 24hours.

Cleaning: PYCOL can be removed from the tools, equipment with clean water immediately after use.

Coverage:

Packing & Storage

PYCOL is available in 1Kg, 5kg, 20Kg and 200kg drums. For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers. Should be stored in cool, shaded and dry warehouses, similar to cement. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per recommendations. In extreme tropical climate, the product must be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life



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Health & Safety

PYCOL contains no poisonous substance. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each PyChem product



Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hand-on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity and porosity of substrate may impinge on values



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TECHNICAL DATA SHEET