D-FIX **HD**

HEAVY BUILD EPDM BONDING ADHESIVE

D-FIX HD is a high performance bonding adhesive, for exclusive applications in the construction industry to meet the heavy duty bonding requirements . It has excellent heat and chemical resistance and D-FIX HD is compatible with all types of insulation materials , structural and lightweight concrete, plywood, oriented strand board, wood fiberboard etc. D-FIX HD PEDM bonding adhesive is specially formulated with good bond strength and suitable for exterior applications.



Features

- Excellent bonding ability and permanent adhesion
- Recommended for bonding of EPDM with variety of materials
- Easy application
- Resistant to water and moisture
- Extreme adhesion for ultimate bonding
- Excellent heat temp (+/_) resistant
- Highly Durable
- Single-sided, wet lay-in adhesive
- Low VOC content (less than 50 g / litre)

Field of Application

- Can be used for variety of special applications including bonding to wood, concrete block, steel, paper and plastic.
- Bonding the membrane/protection boards to other various materials and to itself.
- Synthetic rubber and EPDM based membrane bonding requirements

PROPERTIES

Construction	Thick Brushable Liquid
Solid	50%
Viscosity	1500cP
Specific gravity	0.85
Tack time	5 to 15 minutes
Open time	15 to 30 minutes
Full cure	Optimum strength after 24 hours and final bond strength can take up to 7 days
Yield	4 sq.m /L with ref to the surface
Water and Humidity resistance	Excellent

engineered to perform

APPLICATION

Before application the surface should be clean, free of dust, moisture and grease. D-FIX HD is applied to the substrate with a brush or roller. EPDM Bonding Adhesive is installed in a one-sided, wet lay-in application on horizontal surfaces. For vertical surfaces, the adhesive is used in the traditional two-sided application, and the two surfaces are mated only after the adhesive becomes tacky (approx. 10 - 15 minutes). This adhesive is a heat- and moisture-cure product, with the cure time depending upon ambient weather conditions. Bonding must be carried out between 10 to 30 minutes of applying the adhesive and carefully align the two surfaces and join together .Take care not to trap any air and use as much pressure as possible . If bonding to non-absorbent surfaces allow the adhesive to dry for a longer period . This allows more solvent evaporation and reduce chances of bubbling after bonding due to entrapped liquid.

PACKING

D-FIX HD is available in 18 L / 5 L metal pails.

STORAGE

When stored in original, unopened container the average life is 10 to 14 months at 10 to 35°C stored in above-mentioned conditions. Shelf life information is only a recommendation and not a fact of life. The real expiration date highly depends on the history of storage and handling of the accessories. Quality and applicability should thus always be verified: when mixed, product should stir into a smooth and homogeneous blend with no evidence of major clumping or separation/phasing. Once opened, use within 48 hours.

SAFETY

Keep away from naked fire. For any information . Do not smoke while applying. Do not use in a confined or unventilated area. Vapors are heavier than air and may travel along ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at locations distant from material handling point and flashback. All containers should be grounded when material is transferred from one container to another. A red caution label is required when shipping. A fire extinguisher should be available. In case of fire, use water spray, foam, dry chemical or carbon dioxide. Do not use a solid stream of water because it can scatter and spread the fire.ref. MSDS or consult with Safe@organixbs.com

PRECAUTIONS

Refer to Material Safety Data Sheet. Flammable. Keep away from fire and open flame and other possible ignition sources during storage and use. Do not smoke when using. Use only in well ventilated areas. Avoid prolonged contact with skin. Do not contaminate with foreign materials. For professional use only. Keep out of reach of children. Thinning is not allowed. Avoid breathing vapors. Keep container closed when not in use. Use with adequate ventilation. If inhaled, remove to fresh air. If not breathing, perform artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately. During application, efforts must be made to prevent fumes from entering the building via air ventilation ducts. Do not place open containers or mix adhesive near fresh air intake units. When possible, shut down or seal off the closest units.

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