

Description:

HDF - High Density Foam is a two component polyurethane closed cell material consisting of Polyol and Isocyanate. HDF molded products mimic in fine detail real wood and multiple textured materials with very little to no maintenance.

Uses:

Exterior and interior trim and architectural accents. HDF resists moisture, solvents, mold, mildew, insects, rot, cracking and splintering.

Color:

Internal: Light Yellow
Unfinished: Tan
Finished: 5 Stock colors
Custom: Virtually any color

Packaging:

Varies depending on product.

Limitations:

Use HDF architectural details in low traffic areas such as ceiling and window treatment. Do not use HDF in high traffic areas such as wainscot, baseboard, flooring etc. HDF can be special ordered with a higher density to perform better in areas where potential damage may occur. Surface and ambient conditions are above 40°F and below 110°F during application and cure time. **HDF can expand and contract ¼" per 10' depending on exposure to sunlight and ambient conditions.**

Surface Preparation:

Surfaces must be clean and free of bond-inhibiting materials such as dirt, dust, rust, grease, oil, efflorescence, mildew, fungus, form-release agents, or any other contaminants. Remove and repair any loose paint, mortar, stucco, concrete or masonry by water-blasting, sand -blasting, scraping or using a wire brush. Substrate should be securely fastened. Mask off area accordingly. Failure to correctly prepare the surface may result in product failure.

Application:

For most HDF product refer to individual application documents for specific details on how to apply material. For most applications of HDF use PL Premium® Urethane Construction Adhesive and screws to correctly attach product.

Acclimate material to 75°F for interior applications before cutting and installing HDF. For exterior application acclimate to 60-90°F before installing.

Material will expand in hot temperatures and shrink in cold - if product is not acclimated during application it may shrink or expand and not match desired appearance after installed due to temperature. **Do not use HDF-FR (Fire Rated Resin) materials for exterior applications.** HDF can

easily be cut with standard wood working tools. **If HDF is a fabricated product it may have screws hidden inside the material.** Trim material if necessary and "dry fit" before applying adhesive. Apply adhesive to specified areas on the HDF product and slide/press into position. Apply equal pressure to the surface of the product. Do not allow the adhesive to form a skin before positioning the HDF to substrate. Do not allow the adhesive to get onto face of finished product. Once HDF is in place, screw required fasteners through HDF and into structural backing. If Desired fill screw head holes with automotive Bondo, wood putty, spackle etc. If finish on HDF is scratched off during shipping or installation repair with Volterra HDF Touch Up Kit or approved custom coating. Do not leave raw foam exposed to UV.

Clean Up:

Blow off cutting and fastening tools with air. Clean tools and equipment that have PL Adhesive residue with Acetone during and immediately after use. If adhesive dries it must be mechanically removed.

Storage:

Store in a cool, dry area. Keep out of direct sunlight.

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Technical Bulletin

Precautions:

Keep OUT OF THE REACH OF CHILDREN. Not for internal consumption. Use protective equipment such as gloves, dust mask, eye protection and clothing.

First Aid:

In case HDF dust comes in contact with eyes, flush immediately with water for 10-15 minutes and contact a physician. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort continues, any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION. For additional information refer to the HDF Safety Data Sheet (SDS).

Disposal:

Dispose of in accordance with local, state or federal regulations.

Warning:

KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION, FOR INDUSTRIAL USE ONLY.

Technical Support:

For technical support call 1-602-258-7373. Information contained in the Technical Bulletin conforms to the standard detail recommendations and specifications for the installations of Tivoli Stone products as of the date published on this document. Volterra Architectural Products LLC assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To insure that you are using the latest, most current information, contact Volterra Architectural Products LLC.

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