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More rubber base

1 message

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Thu, Jan 13, 2022 at 7:48 PM

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Here is the product data sheet. Note first highlighted paragraph...

**ASI-41 - Rubber base adhesive & applicaiton - CF4.pdf**
1113K

ARCHITECTS SUPPLEMENTAL INSTRUCTION (ASI-41)

ARCHITECTURAL

RUBBER WALL BASE ADHESIVE AND INSTALL

Project: CAMP FLORENCE DEFERRED
MAINTENANCE REPAIRS &
SHOWER ROOM RE-PURPOSE
FLORENCE, OREGON

Contractor: 2G Construction
PO Box 11735
Eugene, Oregon 97440

Owner: Oregon Youth Authority

Architect: Straightline Architects

Date Issued: June 3, 2020

The work shall be carried out in accordance with the following supplemental instructions issued in accordance with the contract documents without change in contract sum or contract time. Proceeding with the work in accordance with these instructions indicates your acknowledgment that there will be no change in the contract sum or contract time.



Scott Marshall, Principal, AIA – NCARB
Straightline Architects

ARCHITECTS NARRATIVE:

The existing install of the rubber wall base is delaminating from the FRP panels. Several attempts have been made to remedy this issue to no avail. Please remove and reinstall as per the direction below. Install future wall base at shower stall supports in like manor.

ARCHITECTS INSTRUCTION:

- Use the following product:

'Excelsior' C-630 Water based contact adhesive. (Product data attached)
- Remove rubber wall base from all FRP and remove all existing adhesives, caulking, etc. from wall surface and rubber base material. Contractor may use of new rubber base materials if desired.
- Sand FRP panels at point of Rubber base contact with medium grit sandpaper to abrade the surface and improve adherence as per adhesive installation instructions (attached).
- Clean dust from floor and FRP and allow to dry.
- Roll or brush adhesive to FRP and Rubber base. Cover entire surface of both materials. Roller should be a short nap micro-fiber roller.
- Allow adhesive to flash on both surfaces then press together.
- Remove painted over tape or any other materials which are under newly painted walls, sand and repaint.

Attachments (4) Pages Product data sheet.

- Allow all trades to complete work prior to installation.
- Deliver all materials to the installation location in its original packaging with labels intact.
- Inspect all materials to ensure there is no leakage or damage.
- Do not stack pallets to avoid damage.
- Ensure installation area and material storage area temperatures are between 65° F (19° C) and 85° F (30° C) and 40% - 65% RH for at least 48 hours before, during and after installation.
- Ensure HVAC system is operational and fully functioning at normal operating conditions 48 hours prior to, during and for the life of the installation.
- Protect installation area from extreme temperature changes, such as heat and freezing, as well as direct sunlight for at least 48 hours before, during and after installation.
- Test substrate for porosity in order to determine the installation method necessary.
- Do not proceed with installation until all conditions have been met.

3. SUBSTRATE PREPARATION

In regards to substrate preparation when mechanical sanding, grinding, shot blasting and vacuuming always follow the Resilient Floor Covering Institute's (RFCI) "Recommended Work Practice for Removal of Existing Floor Covering and Adhesives", and all applicable local, state, federal and OSHA requirements in regards to Asbestos and Silica containment regulations.

All substrates must be prepared according to ASTM F710 or ASTM F1482, as well as applicable ACI and RFCI guidelines. Substrates must be clean, smooth, permanently dry, flat, and structurally sound.

Substrates must be free of visible water or moisture, dust, sealers, paint, sweeping compounds, curing compounds, residual adhesives and adhesive removers, concrete hardeners or densifiers, solvents, wax, oil, grease, asphalt, visible alkaline salts or excessive efflorescence, mold, mildew and any other extraneous coating, film, material or foreign matter.

All substrates must have any and all existing adhesives, materials, contaminants or bond-breakers mechanically removed via scraping, sanding, grinding or buffing with a 25 grit Diamabrush Prep Plus tool prior to adhesive installation. In extreme situations, shot-blasting may be required.

Mechanical preparation must expose at least 90% of the original substrate.

Following cleaning and removal, all substrates must be vacuumed with a HEPA approved vacuum and flat vacuum attachment to remove all surface dust.

Sweeping without vacuuming will not be acceptable.

Do not use solvent/citrus based adhesive removers prior to installation.

CONCRETE SUBSTRATES

All concrete must have a minimum compressive strength of 3500 PSI and be prepared in accordance with ASTM F710. If the surface of the concrete is greater than a CSP of 3 then the Excelsior CP-300 may be needed to smooth the substrate.

RESINOUS SUBSTRATES

When installing directly over a resinous products, such as the Excelsior MM-100 or an epoxy coating, ensure that coating is dry to the touch and has cured for the prescribed length of time. Substrate must be clean, dry, sound and free of contaminants.

GYPSUM BASED SUBSTRATES

Gypsum-based substrates must have a minimum compressive strength of 3500 PSI. Gypsum substrates that do not meet this requirement may have one coat of the Excelsior MM-100 installed to improve the top layer bonding strength of the substrate. Substrate must be structurally sound and firmly bonded to the subfloor below. Any cracked or fractured areas must be removed and repaired with a compatible patch or repair product. New or existing gypsum substrates may require the substrate has a primer or sealer applied just prior to finished floor being installed.

WOOD SUBSTRATES

Wood substrates must be prepared in accordance with ASTM F1482. Avoid preservative treated and fire-retardant plywood, as some may be manufactured with resins or adhesives that may cause bonding issues. This also includes plywood sheathing designed for long lasting exposure to exterior climates. These also could contain resins/waxes that could be considered bond breakers. Always refer to those manufactures recommendations. If the subfloor materials mentioned above are already installed or the wood substrate is old and not repairable, the use of multi-ply Underlayment Grade plywood at a minimum of 1/4" thick with a fully sanded face will be required.

METAL SUBSTRATES

Metal substrates must be thoroughly sanded/grinded and cleaned of any residue, oil, rust and/or oxidation. Substrate must be smooth, flat and sound.

must be installed within 2 hours. If open times are exceeded, the adhesive can be reactivated with a hot-air blower or blow dryer.

Immediately after installation ensure the material and substrate make full contact by using a soft rubber mallet or a hand roller. Visually inspect installation to ensure that material has not shifted and that adhesive residue has not been compressed onto surface of material.

6. CLEAN-UP

Wet adhesive can be cleaned with a clean towel or cloth and a solution of Excelsior NC-900 and clean, potable water. Tools and materials where adhesive has dried can be cleaned with denatured alcohol or equivalent solvent adhesive cleaner.

7. WARRANTY

Manufacturer provides a 1 year material & labor warranty for all installations where adhesive is properly installed. See Excelsior adhesive warranty for more information.

FOR PROFESSIONAL USE ONLY
PLEASE CONSULT ALL ASSOCIATED TECHNICAL DATA SHEETS, SAFETY DATA SHEETS AND WARRANTY INFORMATION PRIOR TO INSTALLATION.