DSA20 CONSTRUCTION & FRP ADHESIVE

A premium, mastic-type adhesive formulated for adhering FRP panel to studs and other common building materials. MUST HAVE ONE POROUS SURFACE. It can also be used for a variety of applications where a heavy bodied adhesive is essential. It can bond paneling, drywall, wall fixtures, ceramic, tile, brick, wood strips and many other materials.

Accepted by FHA-HUD  Meets ASTM C557  See ICC-ES Evaluation Report No. ESR-2065

SPECIAL CHARACTERISTICS
Quick Tack/High Strength
Water Proof
Exterior/Interior Use

Permanently Flexible
Eliminates unattractive nail pops
Freeze/thaw stable

RECOMMENDED APPLICATIONS
FRP Panels
Wood and Plywood
Paneling
Gypsum board

Stone
Concrete
Drywall
Fiberglass

PHYSICAL PROPERTIES
BASE: Synthetic Rubber
TYPE: Solvent Base
COLOR: Tan
WEIGHT/GALLON: 9.4 lbs/gallon
MILDEW RESISTANCE: Excellent
CONSISTENCY: Medium Mastic
OPEN TIME: 20 minutes maximum at 75° and 50% relative humidity.
DRY TIME: 24-48 hours at 75°F and 50% relative humidity.

STORAGE TEMP: 60°F to 80°F with cross ventilation
APPLICATION TEMP: 40°F to 100°F; trowels easily 70°F–100°F
SERVICE TEMP: -20°F to 170°F
FLASH POINT: Less than 0°F
WATER RESISTANCE: Excellent
COVERAGE: Up to 55 sq ft/gal using recommended trowel
SHELF LIFE: 12 months in unopened container from date of manufacture.

PACKAGING INFORMATION:

<table>
<thead>
<tr>
<th>ITEM NO</th>
<th>SIZE</th>
<th>PACKED</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>293</td>
<td>Gallon</td>
<td>4/Carton</td>
<td>41 lbs/Carton</td>
</tr>
<tr>
<td>294</td>
<td>5 Gallon</td>
<td>36/Pallet</td>
<td>50 lbs/Carton</td>
</tr>
</tbody>
</table>

DIRECTIONS for FRP Panels

- Surface Preparation: Surfaces to be bonded must be clean, dry, and free of foreign material.
- Suggested trowel sizes: V-Notches trowel 3/16” wide x 3/16” deep x 5/16” apart or ¼” wide x ¼” deep x ¾” apart.
- Do not apply below 40 degrees F. Do not thin adhesive. Store adhesive and building materials at room temperature at least 24 hours prior to installation.
- Cut and prefit panels. Lay panels flat and let them acclimate to room temperature.
- Spread adhesive over entire back of Panel (100% coverage), using the recommended notched trowel.
**DSA20**

**STRUCTURAL DRYWALL STUD ADHESIVE**

- Press firmly to keep area between ridges from accumulating adhesive.
- Immediately place panel against wall. Press and knead panels to ensure contact with the wall at all points.
- Install panel within 5-20 minutes after applying adhesive.
- Follow panel manufacturer’s instructions for molding and mechanical fasteners. Do not fit panels tightly into moldings. Allow 1/16” in molding channels for expansion.
- Allow assembly to dry for 3-4 days, depending on temperature and humidity, before subjecting to stresses.
- Limitations: Concrete must be dry, fully cured and free of hydrostatic pressure. Not recommended for bonding impervious surfaces to each other, must have one porous surface.

**DIRECTIONS for Drywall**

- Apply a continuous 3/8” bead to clean framing members. Where two boards butt on a framing member apply zigzag bead so adhesive will contact both boards. Use 1/8” bead on steel studs.
- Do not apply adhesive more than 20 minutes before installing gypsum wallboard. Do not use warped boards. Follow nailing schedule per Gypsum Association manual (GA-201-85).
- Walls: Place board on framing and press firmly into place. Use fasteners 16” o.c. around perimeter of board. No fasteners are required in the field of the board.
- Ceilings: Follow wall instructions except, in the field of the board use fasteners 24” o.c.
- Coverage: 3/8” bead: 174 lineal feet/gallon, ¼” bead: 402 lineal feet/gallon
- For best results store adhesives at 70°F for at least 24 hours before using. Do not apply below 40°F. Do not store above 100°F.

**CLEAN UP:** When dry, mineral spirits, exercising safe practices.

**ASTM C557 STANDARD SPECIFICATION FOR FASTENING GYPSUM WALLBOARD TO WOOD FRAMING.**

<table>
<thead>
<tr>
<th>TEST</th>
<th>RESULTS</th>
<th>REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SHEAR STRENGTH:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24 Hour</td>
<td>32 psi</td>
<td>10 psi</td>
</tr>
<tr>
<td>14 Days</td>
<td>60 psi</td>
<td>40 psi</td>
</tr>
<tr>
<td><strong>TENSILE STRENGTH:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24 Hours</td>
<td>21 psi</td>
<td>15 psi</td>
</tr>
<tr>
<td>14 Days</td>
<td>73 psi</td>
<td>25 psi</td>
</tr>
</tbody>
</table>

**DANGER!**

EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPORS MAY CAUSE FLASH FIRE AND EXPLOSION. HARMFUL OR FATAL IF SWALLOWED.

**KEEP OUT OF REACH OF CHILDREN**

REFER TO MSDS FOR MORE INFORMATION

**WARNING:** This product contains silica, quartz, a chemical known to the state of California to cause cancer.

**NOTICE:** Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage.

**Notice to Purchaser:** NO WARRANTIES, EXPRESS OR IMPLIED ARE MADE INCLUDING MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL ITW TACC, A DIVISION OF ILLINOIS TOOL WORKS INC., OR ITS AFFILIATES (“ITW TACC”) BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE PURCHASE, USE, OR INABILITY TO USE THIS PRODUCT, OR FOR ANY SPECIAL, INDIRECT INCIDENTAL, OR CONSEQUENTIAL DAMAGES. THE USER MAY SEND A SAMPLE OF PRODUCT TO ITW TACC FOR TESTING. IF SUCH TESTING PROVES A PRODUCT DEFECT, THE USER’S SOLE AND EXCLUSIVE REMEDY IS EITHER REIMBURSEMENT OF THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE CONTAINER OF PRODUCT. NO FABRICATOR, INSTALLER, DEALER, AGENT OR EMPLOYEE OF ITW TACC HAS THE AUTHORITY TO MODIFY THE OBLIGATIONS OR LIMITATION OF THIS WARRANTY.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state; therefore, some of the limitations stated above may not apply to you. It is to your benefit to save your documentation upon purchase of a product.