

Bonding Nelplas® to Wood

For bonding **Nelplas** to wood, there are various adhesives that are recommended. They are Super-Tek XT-2000 Mastic, 3M Fastbond 30, and Dap Weldwood Nonflammable. When using any of these adhesives, the substrates must be free from dirt, grease, and dust. To clean the **Nelplas** surface, wipe with a solvent such as isopropyl alcohol before you apply the adhesive. Although it isn't always practical, keep in mind that for all of these adhesives, best results will occur when the bonding process is done in a temperature-controlled environment of approximately 65°F-75°F.

If you choose to use 3M Fastbond 30, Super-Tek XT-2000 Mastic, or Dap Weldwood Nonflammable, we suggest applying a latex primer to the wood before applying the adhesive. Although the primer is not mandatory, it will decrease the amount of adhesive that absorbs into the wood when the first coat is applied.

For installation with contact adhesives, apply two coats to the wood. Allow the first coat to dry thoroughly before applying the second coat. Apply one coat to the **Nelplas**. Adhesive should be dry and not feel tacky when you're joining the substrates together. **Nelplas** Wall Protection Systems recommends a minimum of 45 minutes be allowed before adhering the substrates. After adhesive dries, three hours remain to complete the job. THE LONGER YOU WAIT (up to four hours total), THE STRONGER THE INITIAL BOND WILL BE. Apply pressure to ensure that good contact is made. For hand lay-up, the Crain #333 high-pressure roller is recommended. Note that contact adhesives bond immediately upon contact. Utilization of slip sheets is highly recommended to prevent accidental bonding.

Installation with mastic adhesive requires that the adhesive is only applied to one of the substrates—specifically the wood surface. Be sure to cover 100% of the wood surface area, maintaining uniform coverage with a notched trowel. Insufficient adhesive is the cause of most problems. Allow adhesive to set up according to the instructions on the adhesive container label. After joining the substrates, apply pressure to ensure good contact (the Crain #333 high-pressure roller is recommended).

For More Information on These Adhesives:

3M Fastbond 30
Dap Weldwood Nonflammable
Super-Tek XT-2000 Mastic

Call

800-362-3550
888-327-8477
Your local **Nelplas** distributor

The suggestions and data in this document are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.



NELPLAS®
Wall Protection Systems

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