

PROTECT-ALL RAPID WELD™

Protect-All Rapid Weld is a high-performance adhesive engineered to bond Protect-All® Flooring sheets to create a watertight flooring system.

Protect-All Rapid Weld has outstanding bond strength, extreme durability and excellent impact and high wear properties. Protect-All Rapid Weld's exceptional flexibility helps to withstand extreme temperature fluctuation and thermal cycling. It is also resistant to a wide range of chemicals.

Colors



Storage

Shelf life is 12 months from the date listed on the tube. Store in cool, dry location. Avoid freezing during transport and storage.

Packaging

- Single Unit: 490 mL cartridge
- Bulk Packaging: Box of 10 cartridges

Testing Data

	Units	Result
Work Time	min.	4 - 6
Cure Time	min.	15 - 20
Gap Fill	mm.	4.7
Strength		
Shear	psi	1,7500 - 2,800
Tensile	psi	2,500 - 3,500
Temperature Range	F	-40 - 250



Cartridge Preparation

Protect-All Rapid Weld cartridges must be warmed before use, regardless of the ambient temperature. The Protect-All Warming Bag is the only recommended device for this process. Do not use warm water, microwaves or any other heating methods. Temperatures below 65 degrees require 24 hours in the warming bag. Temperatures above 65 degrees require a minimum of 5 hours in the warming bag.

Accessories

The following Protect-All items are also available.

- Protect-All Rapid Weld Kit
 - 490 mL Rapid Weld Gun, Cordless
 - Two Rechargeable Batteries
 - Battery Charger
 - Radius Finishing Tool
 - Floor Seam Finishing Tool
- 490 mL Rapid Gun Manual
- Seaming Tape
- Rapid Mixing Nozzle
- 4.77 mm V Groover Blade
- 4.5 mm U Groover Blade

Safety

- Protect-All Rapid Weld is incompatible with oxidizer agents, alkalis, strong acids, strong bases, reducing agents and ultraviolet radiation.
- Flammable: Keep away from heat, sparks and open flames.
- Keep out of reach of children. The product is for industrial use only.
- Keep containers closed when not in use.
- Avoid contact with skin and eyes. Harmful if swallowed.
- Refer to the Safety Data Sheet for complete safety information.



Installation

Ideal ambient temperatures for installation are between 70 F and 80 F. Temperatures below 65 F will slow curing and above 80 F will accelerate curing. Typical cure time is approximately 10 to 15 minutes.

Clean the bonding surfaces of loose materials, dirt, oils, excess adhesive, etc. For grooved seams, apply seam tape and ensure no tape is inside the grooved seam. After taping, apply and smooth with appropriate Rapid Weld tool immediately after dispensing. The seam should have slight bubble on top of the seam, 1/16-inch after smoothing. Remove seam tape immediately after smoothing. On the base, apply a 3/8-inch bead and smooth with base tool to get appropriate radius immediately after dispensing. For maximum performance, leave undisturbed for at least 15 minutes.

Coverage Rates:

- Floor seams – 60 to 70 lf per cartridge
- Base seams – 60 to 70 lf per cartridge

Refer to the Protect-All Rapid Weld Installation Manual for complete installation procedures.

Cleaning

Excess adhesive must be cleaned before it has cured. Utilize a clean, wet rag with cleaners containing NMP (N-Methylpyrrolidone) or citrus terpene for best results. Cured Rapid Weld cannot be removed. Refer to the Protect-All Rapid Weld Installation Manual for complete cleaning procedures.



For more information give
us a call or visit our website today.

800.544.9538
protect-allflooring.com

Manufactured by Oscoda Plastics® 5585 N. Huron Ave. | Oscoda, MI 48750



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