



Advanced Materials

**Ren-Weld[®] 5008 Adhesive
Ren-Patch[®] 5008 Repair Paste**

ADHESIVE AND REPAIR PASTE FOR
RENSHAPE[®] 5008 HIGH PERFORMANCE EPOXY BOARD

DESCRIPTION:

Ren-Weld[®] 5008 Adhesive and Ren-Patch[®] 5008 Repair Paste are designed as companion products for Ren-Weld[®] High Performance Epoxy Board. Both systems are carefully matched to the properties of the board. Both materials are based on epoxy, as is the Ren-Weld[®] board.

TYPICAL PROPERTIES

Property	Method	Adhesive	Patch
Color	Visual	Light Blue	Light Blue
Viscosity	Visual	Liquid	Paste ½" mixed sag resistance
Reaction Ratio	--	100R / 20H	100R / 21H
Specific Gravity	ASTM D-792	0.65	0.65
CTE	ASTM D-3386	18 x 10 ⁻⁶ in/in/°F	18 x 10 ⁻⁶ in/in/°F
Hardness Shore D	ASTM D-2240	68	68
Gel Time 4 oz.	D-2471	75 min.	15 min.
Adhesion	3-point compression	Substrate failure	Substrate failure
Tack/Sanding Time	--	4 hours	1 hour

NOTE: Typical Properties – These physical properties are reported as typical test values obtained by our test laboratory. If assistance is needed in establishing product specifications, please consult with our Quality Control Department.

APPLICATIONS:

Boards to be bonded or patched must be clean and free of contaminants. Bonded or patched boards should be cured a minimum of 24 hours at 75°F before use. Otherwise accelerate the cure by curing 4 hours at 200°F.

Always take care to cool down bonded board assemblies at a rate not to exceed 1°F per minute. Shocking boards on heat-up or cool-down may cause cracks to form.



STORAGE :

Ren-Weld® 5008 Adhesive and Ren-Patch® 5008 Repair Paste should be stored in a dry place, in the sealed original container, at temperatures between +2°C and +40°C (+35.6°F and 104°F). Under these storage conditions, the shelf life is 2 years. The product should not be exposed to direct sunlight.

Material temperatures should be above 65°F (18°C) when mixing.

PRECAUTIONARY STATEMENT :

Huntsman Advanced Materials Americas LLC maintains up-to-date Material Safety Data Sheets (MSDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

First Aid!

Refer to MSDS as mentioned above.

**KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL**

IMPORTANT LEGAL NOTICE

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