



# Acrylic Patch Binder

CMT - 6

Revised: 8/09

**1. PRODUCT NAME:**

Acrylic Patch Binder

**2. MANUFACTURER:**

ThorWorks Industries, Inc.  
2520 S. Campbell St.  
Sandusky, OH 44870  
Phone: 800-326-1994  
Fax: 419-626-5477  
www.thorworks.com

**Additional Plant Locations:**

SealMaster has a nationwide network of manufacturing and distribution facilities.

Phone 1-800-395-7325 or visit [www.sealmaster.net](http://www.sealmaster.net) to find the location near you.

**3. PRODUCT DESCRIPTION & BENEFITS:**

A 100% acrylic liquid binder designed for on-site mixing with sand and cement. Ideal for leveling and repairing low spots and depressions up to 3/4" deep on tennis court and other sport surface pavements. Acrylic Patch Binder can also be used for filling cracks in asphalt or concrete sport surfaces up to 1" in width.

**Color:** Milky White.

**4. USES:**

Tennis courts or any other asphalt or concrete sport or recreational surface.

**5. SURFACE PREPARATION:**

Pavement surface must be cleaned entirely of dust, dirt, debris and all loose materials. New asphalt and concrete surfaces must cure 30 days before application.

**6. MIXING PROCEDURES:**

A power mixer (drill with mixing attachment or mortar mixer) is recommended. However, materials can be mixed by hand. For patching and filling depressions, use the following mix design (based on 100 lbs. of silica sand for ease of calculation):

Acrylic Patch Binder.....3.5 gallons  
Sand (40 - 60 mesh).....100 lbs.  
Cement.....15-20 lbs.  
Water.....Up to 1/2 gallon if needed

**NOTE:** Thoroughly mix dry sand and cement together first before adding to Acrylic Patch Binder.

**7. APPLICATION:**

Apply patch mix with smooth sided screed or trowel. Be sure to feather edges on patches. Acrylic Patch Binder patching mix should be applied in multiple lifts to achieve desired depth in patches greater than 1/2".

**8. IMPORTANT:**

Mix thoroughly for only 2 to 4 minutes. DO NOT OVERMIX as this may cause excessive air entrainment and loss of strength.

**9. DRYING TIME:**

Allow surface to harden completely before applying coatings or opening to foot or vehicle traffic.

**10. COVERAGE:**

One gallon will produce enough patch mix (when mixed with sand and cement) to fill .86 square yard (approximately 7.75 square feet) at 1/4" depth.

**When used as a Crack Filler:** One gallon will produce enough material to fill 75-150 lineal feet of crack, depending on depth and width of crack.

**11. CLEAN UP:**

Wash tools in water before material dries.

**12. CAUTIONS:**

KEEP OUT OF REACH OF CHILDREN. Do not take internally. If swallowed, call a physician immediately. In case of contact with eyes, flush immediately with water for 15 minutes and call a physician. When not in use, keep containers tightly closed and upright to prevent leakage.

**13. WARRANTY:**

The statements made on this technical bulletin are believed to be true and accurate, and are intended to provide a guide for approved construction practices. Manufacturer does not make, nor does it authorize any agent or representative to make any warranty, express or implied, concerning this material as workmanship, weather, construction, equipment utilized and other variables affecting results are all beyond our control. Manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. In no event shall Manufacturer be liable for any injury, loss or damage, either direct or incidental, special or consequential, however arising, in connection with material or equipment furnished or work performed. Manufacturer shall not, in any manner, be liable for any defects, variations or change in condition in the substructure over which its products are installed.

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[www.sportmaster.net](http://www.sportmaster.net)

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## Chemical Characteristics

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Classification.....	Acrylic Emulsion
Weight per gallon at 77°F.....	8.8 ± .5 pounds
Flammability.....	Non Flammable
Flash Point.....	None
Storage Life.....	Keep liquid from freezing

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SPORT SURFACING