



CushionMaster I

CMT - 23

Revised: 8/09

1. PRODUCT NAME:

CushionMaster I

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 to find the location near you.

3. PRODUCT DESCRIPTION & BENEFITS:

CushionMaster I is designed as a secondary layer to be applied following coats of CushionMaster II, as part of the SportMaster Pro Cushion System. CushionMaster I features fine rubber particles for smooth texturing.

Color: Black when dry.

Uses: Tennis courts or any other asphalt or suitable concrete recreational surface as a resilient course for SportMaster Systems.

4. SURFACE PREPARATION:

• As with a standard SportMaster System, surface preparation is extremely important. The surface must be smooth and level. All pavement repairs must be flush with the surrounding surface. The pavement surface must be cleaned entirely of dust, dirt, debris and all loose materials.

• New asphalt surfaces must cure 14 to 30 days prior to application. Newly cured or rough textured asphalt surfaces should first be coated with Acrylic Resurfacer (Technical Bulletin CMT - 3).

• New Concrete surfaces must cure 28 days prior to application. Concrete surfaces should have a medium broom finish or similar roughened texture. They must never be steel trowelled. Etch surface with

phosphoric acid and apply SportMaster Acrylic Adhesion Promotor.

5. MIXING PROCEDURES:

Dilute 4 parts CushionMaster I with one part water and mix to a smooth, even consistency.

6. APPLICATION:

Use a soft rubber squeegee. Do not apply until preceding coat has dried. Three coats of CushionMaster II followed by two coats of CushionMaster I are required for standard resiliency. Additional coats may be applied for added resiliency.

7. IMPORTANT:

Stir before using. Temperatures must be above 50°F both during application and for a period of at least 24 hours after application. Do not apply if rain is imminent or forecast. Keep from freezing. Close container when not in use. On outdoor concrete surfaces, assure adequate and functional perimeter drains as well as a sound vapor barrier beneath the slab.

8. DRYING TIME:

One to two (1 to 2) hours under optimum drying conditions. Indoor applications are substantially affected by temperature and available ventilation and will dry more slowly.

9. COVERAGE:

0.10 to 0.12 gallons per square yard per coat. Yield is based on undiluted gallons.

10. CAUTION:

Do not store in direct sunlight or where temperatures exceed 100°F. Do not apply if rain is imminent or forecast. Keep from freezing. Close container when not in use.

11. 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,

Chemical Characteristics:

	% Weight (Nominal)
Acrylic Emulsion (60% Non Volatile).....	36.12
Organic Filler Material.....	14.88
Mineral Inert Fillers	17.31
Miscellaneous Additives	4.22
Water	27.47

Product Data:

Type	Acrylic Emulsion
Weight per gallon at 77°F.....	9.59 ± .5 lbs.
% Non Volatile Material.....	55.92 ± 5
Odor	Ammonia
Flammability.....	Non-Flammable
Flash Point.....	None
Storage Life	One Year

CushionMaster I

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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