



*Cushion
Extreme[®]*

Technical Specification Sheet



Description

Cushion Extreme is a 6–8-layer cushion pad system that is adhered to the substrate directly and then coated over with acrylics. Cushion Extreme features a very specific sieve of rubber particles for optimal cushion distribution and build up.

Uses

Primary use is for Tennis and Pickleball Courts, and/or any other asphalt or suitable concrete recreational court as a resilient playing surface.

Color

Black when dry.

| Chemical Characteristics | |
|---------------------------------|---------------------------|
| | % Weight (Nominal) |
| Organic Filler Material | 15.62 |
| Mineral Insert Fillers | 19.83 |
| Miscellaneous Additives | 2.42 |
| Water | 30.55 |

Surface Preparation

As with any standard coating or acrylic system applied to an asphalt to concrete base, the surface preparation is very important. The surface must be level, planarity in mind, and smooth.

With new concrete, after the 28-day minimum curing period, the foundation must be acid washed with a phosphoric or muriatic acid, neutralized, and then pressure washed to clean dust, dirt, debris, and any other loose materials. Concrete foundations should have a medium broom finish and must never be steel troweled.

New asphalt surfaces must cure 14–30 days prior to Cushion Extreme application. Foundations just need to be pressure washed to clean dust, dirt, debris, and any other loose materials.

Mixing Procedures

Cushion Extreme Rubber Coat (6 Layers) – 500 lbs.

Polyseal, Water 50:50 Mix– 30-Gal
Polyseal & 30-Gal H2O

Cushion Extreme Sand Coat (2 Layers) – 200 lbs.

Polyseal, Water 50:50 Mix– 10-Gal
Polyseal & 10-Gal H2O

Application

The initial 6-layer rubber coat is broadcasted throughout using a drop-spreader. Each individual broadcast coat receives a light spray application of the Polyseal, Water 50:50 Mix. Temperatures 80 – 100 degrees, dry time for the Poly, Water mix should be about 30 minutes before next broadcast coat can be applied. Do not apply consecutive coats until preceding coat has dried.

The final 2-layer 30-mesh sand coat is split up into 1 broadcast-coat and 1 trowel-coat. The broadcast coat is completed just like the initial rubber coats, with a light spray application after broadcasting the sand. Once cured, using a flat trowel applicator will pull 30-mesh sand similar to pulling a squeegee with acrylics, and trowel the final sand coat to ensure complete coverage across the entire area. Final Poly, Water spray coat applied.

Important

Surface and air temperatures must be above 50°F (10°C) during application. Do not apply when rain is imminent or forecasted. On outdoor concrete surfaces, ensure there is proper and functional perimeter drains as well as a moisture/vapor barrier underneath the slab.

Drying Time

30 Minutes under optimum drying conditions. Indoor applications are substantially affected by temperature and available ventilation systems – this will dry more slowly.

Coverage

125 lbs. per broadcast coat of rubber particles per 1,800 SF area. 100 lbs. per broadcast coat of sand particles per 1,800 SF area.



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 Cushion Extreme 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.