



# DRI-FLOOR AC-288

## SPORTS SYSTEM

### High performance, sports surface coating / floor coating

One-component, premium grade waterborne anti-slip acrylic floor coating. It is formulated to resist fading and withstand harsh tropical weathering and ultraviolet rays. DRI-FLOOR AC-288 provides a consistent surface and texture, reducing sports injuries & enhances the sports experience. Available in many conventional as well as modern vibrant shades.

#### FEATURES/BENEFITS

- Eco-friendly with Low VOC / Non-toxic formulation
- UV-Resistant, low odour, does not contain any mineral solvents
- Tough, durable & clean finish
- Easily washed & maintained
- High colour retention
- No added lead or mercury
- Easy application to minimize site application errors
- Excellent dirt resistance

#### APPLICATION AREAS

- Badminton courts
- Basketball courts
- Futsal courts
- Any indoor/outdoor sports floor

#### PRODUCT DATA

<b>Appearances / Colours</b>	Colour selection according to RAL colour chart
<b>Packaging</b>	20kg / 25kg plastic pails
<b>Storage</b>	12 Months from date of production
<b>Storage Condition</b>	Dry conditions at temperatures between 10 °C - 20 °C.

#### TECHNICAL DATA

<b>Origin</b>	100% Waterborne Acrylic
<b>Finish</b>	Matt
<b>Solid Content</b>	~ 60% by volume
<b>Application Temperature</b>	25°C to +40°C
<b>Over coating Time</b>	2 – 3 hours
<b>Surface Dry</b>	1 hour
<b>Thinning/cleaning</b>	Water
<b>Film Thickness</b>	WFT: 450 – 500 microns / DFT: 283 – 310 microns
<b>Coverage</b>	Approx. 3m <sup>2</sup> /L for 283 microns (DFT)

## APPLICATION CONDITIONS

<b>Substrate temperature</b>	8-35 Degree Celsius
<b>Ambient Temperature</b>	8-35 Degree Celsius
<b>Substrate Moisture Content</b>	<6% moisture content with no rising moisture. No standing water/ condensation on the substrate
<b>Relative Air Humidity</b>	Max. 80%
<b>Dew point</b>	Surface temperature must be +3 Degree Celsius above dew point

## SUBSTRATE

New concrete should be cured for at least 28 days and should have a pull-off strength  $\geq 1.5$  N/mm<sup>2</sup>. Cement or mineral based substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and to achieve an open textured surface. Loose friable material and weak concrete must be completely removed and surface defects such as blowholes and voids must be fully exposed. Substrate must have sufficient gradient for surface water to run off easily without ponding water. Suspected salt and chemical contaminations. If required, clean all surfaces with a water soluble, environmental-friendly degreaser mixed with clean, fresh water. Allow surface to dry before commencing main preparation. Concrete surfaces should have a medium broom finish or similar roughened textured finish.

New asphalt surfaces must cure 14 to 30 days prior to application. It is recommended that any uncoated asphalt surface receive one or more coats of DRI-FLOOR AC-288 RESURFACER as required by surface roughness and porosity to provide a smooth, dense underlayment for application of colour coatings. DRI-FLOOR AC-288 LM may be used over DRIFLOOR AC-288 SPORTS SYSTEMS or other similar sports floor coating systems as long as the previous layer has dried sufficiently.

## MIXING

Stir DRI-FLOOR AC 288 before use.

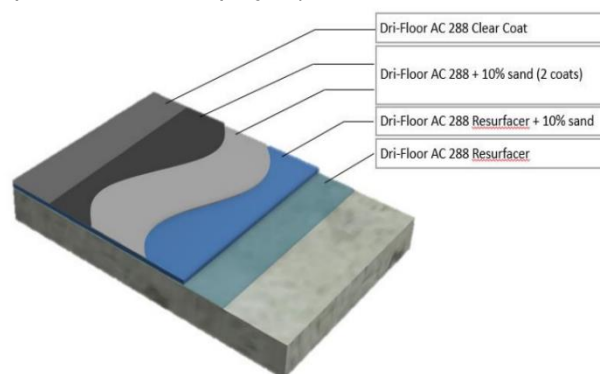
In any given situation whereby textured or rough finished is required, use DRI-FLOOR AC 288 (PREMIX) or mix approximately 5kg silica sand (grade 80/100) to 20kg DRI-FLOOR AC 288.

Addition of up to 10% clean water is optional.

## APPLICATION

Apply by brush, roller, or squeegee.  
The usage of lamb's wool roller is highly recommended.

Typical System Build-Up:  
(note: system build-up may be modified according to requirements of the project)



1. Dri-Floor AC-288 Resurfacer: 0.25 kg/m<sup>2</sup>
2. Dri-Floor AC-288 Resurfacer + 10% sand: 0.7 – 0.9 kg/m<sup>2</sup>
3. 2x Dri-Floor AC-288 + 10% sand: 0.6 kg/m<sup>2</sup> per coat
4. Dri-Floor AC-288 Clear Coat: 0.1 L/m<sup>2</sup>

## LIMITATIONS

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- Do not apply on substrates with rising moisture. Always apply during falling ambient and substrate temperature. If applied during rising temperatures pin holes may occur from rising air.
- Ensure that temperature does not drop below 8°C and that relative humidity does not exceed 80% until the coating has fully cured.
- Ensure that the coating is thoroughly dry and the surface is without pinholes before applying any top coat
- Do not allow temporary ponding to remain between coats on any horizontal surfaces or until the final coating has totally cured. Brush or mop surface water away during this time.
- Do not apply on roofs subject to long-term water ponding with subsequent periods of frost. In cold climatic zones for roofing structures with a pitch of less than 3% appropriate measures must have to be considered.
- Do not apply directly on insulation boards

## HEALTH & SAFETY

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For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## LEGAL NOTE

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The information, and, in particular, the recommendations relating to the application and end-use of these products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance to the manufacturer recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.