



# SportMaster F780

## SportMaster Colour

運動場蓋塑色油

### 1.0 Description

SportMaster F780 is a high viscosity pure acrylic emulsion coating intended for sport grounds, pedestrian or cycle areas, urban or motorway environment.

SportMaster F780 is suitable for asphalt or concrete recreational areas. It is also suitable for wooden floors. (Without covering joints or cracks of the wood). SportMaster F780 is applied as a colorful, non skid, abrasive, long wearing decorative coating.

### 2.0 Technical Data

Color : light green, dark green, brick, red, light blue, dark blue, grey, white, brown, tan.  
Binder : acrylic emulsion

Charges : metal oxide, carbonates, silicas.

Density :  $1.38 \pm 0.05$  (varies with colors).

Fry content :  $60\% \pm 2$

Solvent : water

Consult also the system data-sheet and the SportMaster general Specifications.

### 3.0 Surface Preparation

#### On old water based emulsion multicoat synthetic coverings:

Check the surface to be covered (see F780 Acrylic Primer P933C and P934A data sheet). If the substrate is convenient, wash it thoroughly using water (+ detergent) and high pressure to eliminate dust, dirt, debris and all loose material. After complete drying, apply F780 Acrylic Primer P933C to seal the previous coating (see product data sheet). Allow to dry prior to the application of F780.

#### On new asphalt or porous concrete substrate:

Wait until complete curing:

Porous concrete : 1 month

Impermeable hot concrete asphalt surfaces : Wait for 4 weeks according to the type of asphalt and drying conditions.

Wash thoroughly the substrate using water (+ detergent), rinse and let dry.

#### On cold concrete asphalt:

The necessary delay for evaporation of asphalt solvents can vary according to bitumen origin. Waiting for next year before applying SportMaster F780 and just applying the marking paint will be a good precaution.

#### On old asphalt or porous concrete substrate:

Wash thoroughly the surface using water (+ detergent). In case of porous surface, it may be necessary to carefully use high pressure without damaging the surface.

Clean with adapted vacuum cleaner on porous surfaces. Rinse and let dry.

**Special cases:**

New impermeable cement surfaces:

The ground should be completely dry (curing time: 1 month minimum), not alkaline, slightly rough, clean from dust and grease (use trichloroethylene).

The cement slab must be isolated to avoid upwarding capillary dampness.

Too smooth surfaces should be acid etched. Acid will be used also in case of laitance remaining on the court.

Usually over concrete as a primer, use either a coat of SportMaster Acrylic Primer P933C or a coat of SportMaster diluted one part of water / one part of F780.

For powdery concrete the above priming instructions are obligatory.

Old unpainted impermeable cement surface:

The surface must be carefully cleaned (see "new impermeable cement surface").

Porous asphalt or greasy new asphalt pavements:

After thorough cleaning with water + detergent, rinse and let dry.

Then, use SportMaster F780 Acrylic Primer P934A (see technical data sheet).

After complete drying, use F780

- Other cases: consult us.

## **4.0 Weather Conditions**

- Apply only if temperature is 50°F (10°C) an rising.
- Do not apply if surface temperature is less than 50°F (10°C) or in excess of 140°F (60°C).
- Do not apply in foggy or rainy weather.

## **5.0 Using Instructions**

Application equipment:

Roller, soft rubber squeegee or spraygun (in the case of a spraygun, diameter of the nozzle should be at least of 28/1000 of inch). On porous surfaces, it is not recommended to use a roller in order to avoid surpluses.

Dilution:

**1<sup>st</sup> coat**

On powdery concrete: Use 100 kg of SportMaster F780 to 100 litres of water.

On asphalt or concrete: Use 100 kg of SportMaster F780 to 20 litres of water.

**2<sup>nd</sup> coat on every substrates:**

Use 100kg of SportMaster F780 to 10 litres of water.

Coverage per coat over prepared substrates:

On concrete: 0.200 kg/sq mt. of SportMaster

On impermeable hot or cold concrete asphalt: 0.300kg/sq mt. of SportMaster F780

On porous asphalt: 0.400 kg/sq mt. of SportMaster F780

Coverage is liable to vary according to ambient temperature and surface texture.

Complete drying:

At 23°C (73°F) and 50% R.H.: 24 hours.

## **6.0 Application Procedure**

- Wait until the surface is completely dry.
- Apply two crossing coats of SportMaster F780.
- On porous surfaces, avoid surpluses which could locally obdurate the surface.
- On other surfaces, the number of coats can be increased on request to increase durability.

Important: Before using the court, it is necessary to wait for one week to obtain optimal drying and resistance.

## **7.0 Note**

Equipment cleaning: with water.

In case the product has dried, use an aromatic solvent (xylene or toluene type).

Shelf life: One year in the original unopened drum.

## **8.0 Packaging**

20 kg drum

Caution: Harmful if swallowed. Keep out of the reach of children. Keep from freezing. Do not store in hot sun.

## **9.0 Health and Safety**

Aqueous product. Non-flammable. Without necessity of specific labeling.