DURAFLOOR PRIMER

POLYURETHANE-CEMENT PRIMER

DRACO

FLOORING
LINE

HIGH PERFORMANCE
POLYURETHANE-CEMENT-
BASED SYSTEMS

DURAFLOOR PRIMER is a three-component primer specifically formulated to be used as adhesion promoter for the application of DURAFLOOR polyurethane-cement coating cycles.

ADVANTAGES

DURAFLOOR PRIMER is a polyurethane-cement primer for industrial use. The coating has the following features:

✓ **INCREASED ADHESION:** DURAFLOOR PRIMER provides an excellent adhesion bridge between the substrate and subsequent layers, especially on absorbent substrates.

USES

DURAFLOOR PRIMER is ideal for use as a primer for the application of DURAFLOOR polyurethane-cement coating systems**.**

SUBSTRATE PREPARATION

CLEANING

▸ Remove all loose concrete by either mechanical chipping or pressure washing, taking care not to damage the structures.

▸ Remove stains, efflorescence or soaked-in stains of oil, grease, paint, lime, dust, dirt etc.

▸ Remove any trace of dust, dirt or any residue which may cause the coating to come off.

REPAIR AND LEVELLING

EXISTING CONCRETE SURFACES OR RESIN COATINGS

Roughen the surface by mechanical means (usually shot blasting or sanding) to create a healthy, compact concrete surface to promote adhesion. Any obvious hollows, holes or irregularities must be restored with the two-component anti-shrinkage epoxy mortar for the rapid repair of PAVIFIX concrete floors.

NEW CONCRETE INDUSTRIAL FLOORING OR DURAFLOOR M OR SL:

careful sanding is necessary to remove the non-absorbent surface patina.

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MIX PREPARATION

COMPONENT PREPARATION

The three components must be at a temperature between +15 and +25°C.

Do not use only part of the components as this could cause errors in the mixing ratio, and result in incomplete or no hardening. Do not dilute with water and/or solvents.

Add the hardener (PART B) to the resin (PART A) and mix using a mixer at low speed until the mixture is completely homogeneous. Add the aggregate (PART C) a little at a time, mixing until a homogenous and uniform mixture free of lumps is obtained.

APPLICATION

APPLICATION PROCEDURE

Apply **DURAFLOOR PRIMER** on the substrate prepared as described above.

Apply the mixture using a medium pile roller at a rate of 0.2 -0.3 kg/m^2 (approx. 150 microns thick). Consumption may vary depending on the preparation and degree of absorption of the substrate.

PRECAUTIONS

- ► Read the safety data sheet before using the product.
- ► The substrate must be at a temperature of at least +5°C.
- ► Ideal temperature of application is between +15 and +25°C.
- ► The use of forced air ventilation to promote evaporation is recommended.
- ► Use the correct PPE as indicated in the Safety Data Sheet.
- ► Clean your tools right after application using DILUENTE EC.

HOT WEATHER PRECAUTIONS

- ► Store the components of DURAFLOOR PRIMER in a cool place out of direct light;
- ► Work in the mildest hours of the day.
- ► Do not work at ambient temperatures above +35°C.

COLD WEATHER PRECAUTIONS

- ► Store in a frost-free place;
- ► Do not apply the product if temperature is below +5 °C.
- ► Start to work in the hottest hours of the day and however when ambient temperature is at least +5°C.

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DURAFLOOR PRIMER

PACKAGING AND STORAGE

DURAFLOOR PRIMER is supplied in:

▶ 2 kg bag (A) + 2.22 kg bag (B) + 2 kg bag (C)

Do not store on the ground. Store the product in a dry and sheltered place at a temperature between +10°C and +30°C. Keep away from direct sunlight. Protect against frost. The resin and hardener components keep for 12 months if properly stored in their original packaging.

APPLICATION SPECIFICATIONS 20°C - 65% R.H.

COLOUR	Beige
WORKABILITY AT +20°C	20 minutes
TIME BEFORE OVERCOATING	8 hours (24 hours max.) at +20°C
THEORETICAL CONSUMPTION	0.2-0.3 KG/M^2 depending on the preparation and degree of absorption of the substrate.
VOLUME MASS (A+B+C)	1.4 g/m^3 depending on the preparation and degree of absorption of the substrate.

PERFORMANCE CHARACTERISTICS

ADHESION TO CONCRETE (UNI EN 1542)	> 3 MPa (breakage of the substrate)
ABRASION RESISTANCE (UNI EN 5470-1)	150 mg (1000 cycles)
REACTION TO FIRE (UNI EN 13501)	E

The data above are obtained from lab testing in a controlled environment.
Slip resistance could decrease due to wear, contaminating agents and incorrect maintenance.

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