



# MAXDUR<sup>®</sup>

# C

## CEMENT-BASED SURFACE HARDENER WITH CORUNDUM FOR CONCRETE FLOORS

### DESCRIPTION

**MAXDUR<sup>®</sup> -C** is a product formulated with special cements, silica and corundum of high hardness, together with pigments, additives and aggregates designed to be applied on fresh concrete in order to improve its abrasion resistance and provide an anti-dust finish in one single application.

### APPLICATION FIELDS

- Floors of garages, parking areas, shopping malls, sport installations, schools, hospitals, subjected to moderate or medium traffic.
- Dock slabs in warehouses, industries, fuel stations with moderate erosion.

### ADVANTAGES

- Increases the durability of the floor.
- Reduction of formation of superficial dust.
- Improves the resistance against impacts.
- Provides colour to pavement.
- It bonds structurally into the surface becoming part of the slab.
- Easy application by powdering over the fresh concrete.
- Low installation costs. Without maintenance.
- Easy cleaning of the treated surface.

### APPLICATION INSTRUCTIONS

#### Surface preparation

The concrete slab should be perfectly extended, lined and levelled. The concrete will be designed with enough structural resistance for the use required.

#### Application

Once the fresh concrete has the proper consistency, trowel off the surface with a

mechanical trowel. Remove any puddle or surface water.

**MAXDUR<sup>®</sup> -C** is spread in powder form over the whole surface. Wait until **MAXDUR<sup>®</sup> -C** becomes moist. Do not wet the surface of the concrete during the application. If there is any water or slurry on the surface means that it is still too fresh. Compact **MAXDUR<sup>®</sup> -C** with help of a trowelling machine. Avoid overworking the surface.

#### Curing

For correct curing of the floor and minimize the risk of appearance of fissures and different colour intensity, the water-based curing compound **MAXCURE<sup>®</sup>** must be used following its application instruction (Technical Bulletin n.º 49). Wet burlaps and plastic sheets can be also used.

The joints should be carrying out with a suitable sealant of the type **MAXFLEX<sup>®</sup>**.

#### Application conditions

Do not apply below 5 °C or if lower temperatures are expected in the 24 hours following the application. Do not apply above 30 °C.

#### Cleaning

Clean tools with water before the products sets. Once the product has hardened, it can only be removed mechanically.

### CONSUMPTION

The consumption of **MAXDUR<sup>®</sup> -C** varies between 4 and 6 kg/m<sup>2</sup> depending on the abrasion and traffic type that is expected over the surface.

## IMPORTANT INDICATIONS

- Spread **MAXDUR®-C** uniformly over the whole surface to be treated otherwise a different colour intensity can be expected.
- Do not add aggregates, cement, lime, plasters or any other compound to **MAXDUR®-C**.
- Differences in the colour intensity may occur by differences of consumption of **MAXDUR®-C**, mixing water ratio, cement type, wether conditions, overwork on surface, etc. For uniform aesthetic finish, use an epoxy or polyurethane coating.
- Do not use solvent-based curing agents.
- For any application not specified in this technical bulletin or further information is required, consult our Technical Department.

## PACKAGING

**MAXDUR®-C**, is supplied in 25 kg bags. It is available in grey, red and green colour.

## STORAGE

Twelve months in its original unopened packaging, in a dry and covered place, protected from dampness and frost, with temperatures higher at 5°C.

## SAFETY AND HEALTH

**MAXDUR®-C** is an abrasive product, so protective rubber gloves and safety goggles must be used to apply it. In case of skin contact, wash affected areas with soap and water. In case of eye contact, rinse thoroughly with clean water but do not rub. If irritation persists, seek medical attention. For further information, Safety Data Sheet of **MAXDUR®-C** is available by request. Disposal of the product and its empty packaging must be made by final user and according to official regulations.

## GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®**, **S.A.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



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