

QUARZPLATE

QUARTZ BASED SURFACE HARDENER

Ideal for industrial flooring with light to moderate traffic



QUARZPLATE is a mineral hardener based on selected quartz aggregates, binders and specific admixtures for the protection and finish of concrete industrial floors exposed to light and moderate traffic. **QUARZPLATE** exhibits good resistance to abrasion and rolling friction.

BENEFITS

The special characteristics of the product are:

- ✓ **Prepared with selected top-quality raw materials:** **QUARZPLATE** is a pre-mixed hardener containing specific binders and top-quality selected particle size distribution of quartz that undergoes strict quality control at reception.
- ✓ **Improved incorporation of the cement matrix of the concrete:** thanks to the grading curve that has been developed and the presence of specific last generation polymers, **QUARZPLATE** exhibits optimal incorporation with the concrete during floating.
- ✓ **Easy to apply and smooth:** the special formula of **QUARZPLATE** means it is pre-mixed dry shake hardener that is ideally suited for smoothing and finishing when installing the anti-wear layer of industrial flooring.
- ✓ **Uniform finish:** the strict quality control to which the product is subjected, together with its composition, make **QUARZPLATE** an extremely uniform hardener that can confer an excellent finish to the concrete.
- ✓ **High surface resistance:** **QUARZPLATE** provides the industrial flooring with resistance to traffic, impact and abrasion and reduces absorption thus making it easier to clean.
- ✓ **Weatherproof:** the polymer-modified matrix of **QUARZPLATE** provides the product with superior resistance to atmospheric attack, freeze thaw cycles and de-icing salts.



USES

QUARZPLATE is a top-quality ready to use, dry shake hardener for industrial flooring ideal for:

- ✓ Industrial concrete floors in industrial environments.
- ✓ Flooring of warehouses and production areas.
- ✓ Flooring in airports and freight hangars and logistics areas with intensive use.
- ✓ Concrete floors for parking lots, yards, goods handling and manoeuvring areas that may be exposed to intensive use.
- ✓ Concrete floors with an "architectural effect" in commercial premises such as shops, showrooms and malls.

APPLICATION PROCEDURE

HOW TO USE

QUARZPLATE is a ready to use product that is applied by dusting the surface of the fresh concrete in at least two coats. The first dusting will apply 2/3 of the total amount required onto the fresh concrete when walkable. As soon as the dust has been hydrated by the mixing water from the concrete underneath, float at least twice crosswise. After floating, apply the remaining third (1/3) of the product and float again until the surface is smooth.

WARNINGS

- Adopt appropriate curing procedures.
- Do not apply at temperatures below 5 ° C.
- During application, the casting area must not be subject to vibration until the product is completely cured (12h approx. at 20 ° C - 50 % RH).
- Do not use the contents of bags that have been opened, damaged or not properly stored in a dry place.

CURING

Cover the newly set surface of the flooring with PROBETON CURING N anti-evaporation. The use of this product will ensure the concrete retains moisture during the initial phase of curing, thus enhancing mechanical resistance and reducing the risk of micro cracking.

FINISHING

To make the flooring non-absorbent, chemically resistant and dustproof you can apply WEPOX FINISH, a transparent protective resin in aqueous phase.



PRECAUTIONS IN HOT CLIMATES

- ▶ Store **QUARZPLATE** away from direct sunlight;
- ▶ carry out the work in the cooler hours of the day;
- ▶ do not use when the ambient temperature is above 35°C.



PRECAUTIONS IN COLD CLIMATES

- ▶ Protect **QUARZPLATE** from frost;
- ▶ Start work in the warmer hours of the day.

PACKAGING AND STORAGE

QUARZPLATE is packaged in:

25 kg bags

If kept in its original packaging and properly stored under cover in a dry place the product maintains its characteristics for a year.



PRODUCT FEATURES

APPEARANCE	Powder
COLOURS	Grey similar to RAL 7035 Red similar to RAL 3013 Green similar to RAL 6021 Tobacco similar to RAL 8023 Additional colours available on demand
MAXIMUM SIZE OF AGGREGATE	2.5 mm
BULK DENSITY - UN EN 1015-6	2100 kg/m ³
CONSUMPTION	2-4 kg/m ²
PACKAGING	25 kg bag
SHELF LIFE	12 months

FINAL PERFORMANCE (20°C – 65% RH)

UNI EN 13813 - CEMENT SCREEDS MATERIALS - CT MIXING WATER 14%		
Characteristic	Performance	Class according to UNI EN 13813
COMPRESSIVE STRENGTH - EN 13892-2	28 days - 60 MPa	C60
FLEXURAL STRENGTH - EN 13892-2	28 days - 8,5 MPa	F8
BOHME ABRASION - EN 13892-3	7,11 cm ³ / 50 cm ²	A9
REACTION TO FIRE - EN 13501	-	Classe A1fl

Legal notice - SLCMP version dated 01.03.2017

In the technical specifications herein, Draco Italiana s.p.a. used the indicators therein specified, with the relevant standards.

Please check if this Sheet and the figures therein contained apply to the product batch you are interested in or if they have been overridden by any later release. If in doubt, check whether this Sheet matches the one applicable at the time of finalising the sales agreement, at www.draco-edilizia.it, and/or contact our Engineering Department.

No advice provided by our staff, either verbally or in writing at your request, about the potential applications of the Products shall be binding under the sales agreement or shall be considered an integral part of the agreement. Such advice is based on our experience and on the best available practical and/or scientific knowledge; as such, it shall not be binding or conditional on the buyer or user. Please try our products first to find out whether they are fit for your intended use or application; in any case, you shall be solely responsible for your choice.

Due to the nature of the product, it is not possible to guarantee perfect colour consistency between batches. Nonetheless, this does not affect in any way the characteristics and performances of the product. It is recommended to use only paints from the same production batch on adjacent surfaces. To avoid any colour differences, check that colour is correct and of the same batch number before applying the product.