



la scelta giusta
per grandi progetti.

SCHEDA TECNICA



RZ 700

QUARTZ-BASED DRY-SHAKE TOPPING FOR INDUSTRIAL FLOORS

PRODUCT

Ready-to-use, quartz-based dry-shake topping for industrial floors.

CHARACTERISTICS

Easy, fast and cheap to use, it has excellent workability, high surface density, good mechanical resistance to abrasion and to penetration. It can also be mixed.

APPLICATION FIELDS

Floors of industrial halls, workshops, warehouses, garages, ramps etc. Internal/external use.

SUBSTRATES

Concrete screeds.

CONSUMPTION

- Dry-shake topping:
4,0 - 8,0 Kg/sqm according to thickness;
- Application in paste:
20 Kg/sqm per cm of thickness.

PACKAGING

25 kg bags on pallet of kg 1500.

STORAGE

12 months in a dry place in its original packaging.

ITEM SPECIFICATIONS

The industrial flooring must be carried out with a specific quartz-based dry-shake topping, such as RZ 700 by Edilcol Italia, to be mixed with water, having a compressive strength $\geq 60,0$ N/sqmm after 28 days.

PREPARATION

- Check that the concrete screed is still fresh, compact and properly propped and trowelled.

APPLICATION in paste

- Mix a bag of RZ 700 with about 3,5 - 4,0 liters of water either manually or with a mixer at a low numbers of turns, until obtaining a homogeneous and plastic mixture and apply on concrete, wet on wet, with a thickness within 6 and 10 mm.

APPLICATION by dry shake

- Spread uniformly on the fresh concrete 1 - 2 layers of RZ 700 in quantities not less than 4 kg/sqm.
- Trowel the wet product with a mechanical trowelling machine taking care to penetrate uniformly the dry shake on the concrete surface.
- After its maturation, smooth with a special sanding machine equipped with Carborundum grinding wheels.

RECOMMENDATIONS

Realize the joints at maximum intervals of 4 m and moisten the surface for 7 days after the application of the dry shake.

Do not use in areas subject to chemical attack which can be dangerous for the cement or subjected to heavy loads or stresses.

Avoid the application at temperatures below of +5 °C or higher than +35 °C and protect the floors from loads or soiling for at least 15 days.

Although the details contained in this product report correspond to the best of our current experience, all the above information must be confirmed after practical applications. Anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of product. The values given in the technical data derived from tests conducted in laboratory, in a controlled environment, so they may be greatly modified by the conditions of installation.

DATI TECNICI

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Appearance:	grey or colored powder (see on the table)	
Composition:	special binders, calibrated quartz aggregates, additives	
Granulometry:	≤ 3,0 mm	
Application temperature:	+ 5°C / + 35°C	
Mixing water:	≈ 16% (only application in paste)	
Bulk density of fresh mortar:	≈ 2,2 Kg/l (application in paste)	(EN 1015-6)
Bulk density of the dried mortar:	≈ 2,1 Kg/l (application in paste)	(EN 1015-10)
Minimum thickness:	5 mm (only application in paste)	
Maximum thickness:	10 mm (only application in paste)	
Setting times (start / end) with a Vicat needle:	1 h/2 h (application in paste)	
Minimum quantity of dry shake:	≈ 4 kg/sqm	
Ready for use:	≈ 15 days	
Compressive strength (28 days)	≥ 60,0 N/sqmm	(EN 196/1)
Flexural strength (28 days):	≥ 7,0 N/sqmm	(EN 196/1)
Reaction to fire:	Class A1	(EN 13501)
Contribution to smoking:	none	
Hazard classification:	none	(EC 99/45)