

SmartSand Tech.



DRACO 250

for Concrete Interlocking Pavers



SmartSand Technology Co. Ltd.

info@smartpolymersand.com

SmartSand - DRACO 250

- **DRACO® GROUT 250** is a mixture of quartz sand and powdered polymers
- **Purpose:** Grouting of external pavers for joints from 1 mm to 10 mm wide.



- **Packaging:** 20 kg paper bag

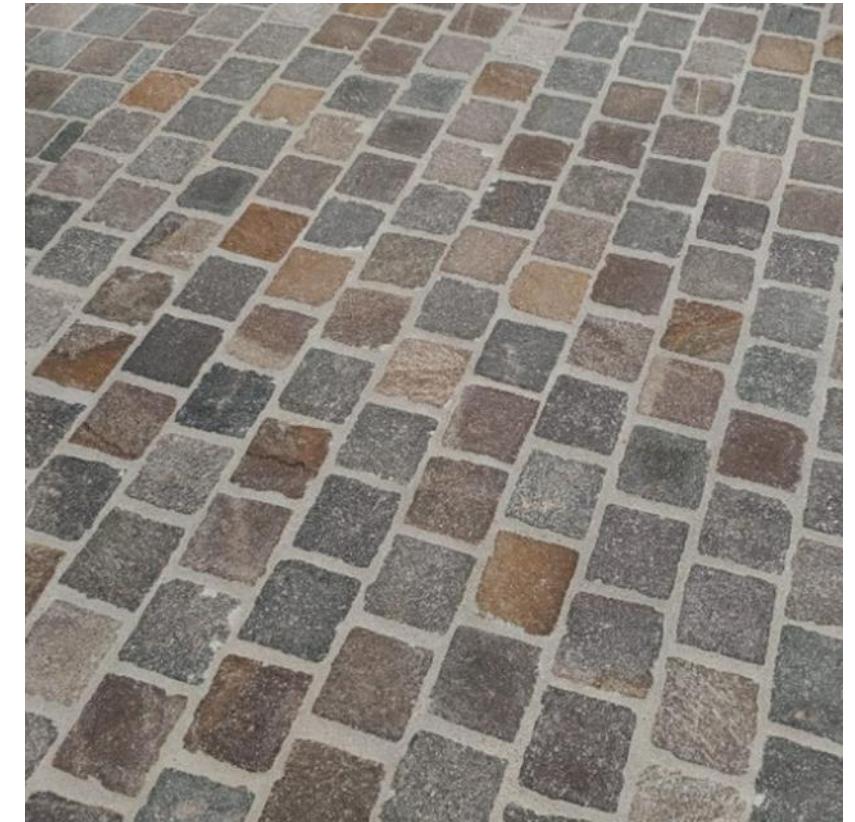


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- After this mixture is moistened, a solid and water-permeable mass is obtained.
- It is suitable for grouting: pedestrian paths, terraces and driveways made of natural stone and concrete on which pedestrian or light car traffic takes place.

Advantages:

- ❖ Ready-to-use product
- ❖ Slows grass growth
- ❖ Resistant to freeze-thaw cycles
- ❖ No shrinkage after cross-linking



SmartSand - DRACO 250 -

- It is available as standard in grey and beige
- It can also be produced in other colors on request



SmartSand - DRACO 250 - Operating instructions

It takes a minimum of 3 dry days for the material to cross-link after wetting.

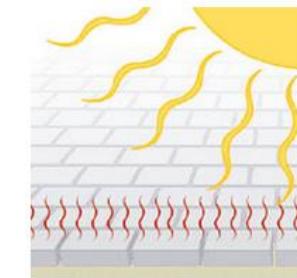
The product consists of quartz sand and additives of finer granulation that can fall to the bottom of the package, which is why it is recommended to open the bag, shake it into a bucket or construction trolley and then stir the contents.

The dry product thus mixed is placed on the desired paving and applied to the joints with a broom.

Sweep off any remaining excess material and then blow off the surface of the paving with an air blower

Thoroughly rinse the paving surface with a garden hose nozzle to completely remove fine sand particles

Ensure the material is moistened throughout the full depth of the joints by scratching the joint in one spot; if necessary, moisten the joints further.



SmartSand - DRACO 250- Consumption

Consumption is defined by the length, width and height of the concrete slab and the width of the joint

Approximate consumption values for pavers with a thickness of 5 cm
(kg/m²):

Plate Dimension (cm)	DRACO® GROUT 250 (kg/m ²)			
	The width of the joint(mm)			
	2 mm	3 mm	4 mm	5 mm
20 x 20	1,35	2,00	2,70	3,40
30 x 30	0,9	1,35	1,80	2,25
40 x 40	0,7	1,00	1,35	1,70
50 x 50	0,55	0,80	1,10	1,35
60 x 60	0,45	0,70	0,90	1,15

Formula for calculating consumption: [(A + B) / (A x B)] x C x D x 1,4

A = length of the paver mm; B = width of paversu mm; C = thickness of the paver mm; D = joint width in mm



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Physical Properties	GROUT 250
Appearance	Dry sand
Packaging	Paper bag 20 kg
Curing	With water
Weather conditions during application	Minimum 3 dry days after application
Water permeability	Does not retain water
Available product colors	Grey and beige



SmartSand - DRACO 250 - Notes

- The product does not contain any artificial colorants.
- Appearance is entirely defined by the natural color of the quartz sand.
- Slight shade variations may occur between different production batches

