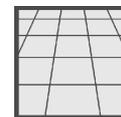


GRANICER 7030

**Binder for the liquid application of granules with
airless, double disk, bell and curtain coating machine**



Chemical basis:

Polymers in aqueous solution

Characteristics:

Appearance:	turbid viscous liquid
Solubility:	water-miscible
Density (20 °C):	approx. 1.01 - 1.03 g/cm ³
Viscosity (Brookfield MV 2/2):	approx. 800 - 1200 mPas

Shelf-life / Packaging:

6 months under proper storage conditions
Drums of 30 and 120 kg, containers of 1000 kg

Application:

The binder / suspension stabilizer GRANICER 7030 allows the application of traditional and spheric granules onto tile surfaces with airless, double disk, bell and curtain coating machine. It permits to cover the complete tile surface. Owing to the rheological properties of GRANICER 7030 it is not necessary to add any further suspension stabilizer. The increased dynamic viscosity confers the granulate slip an ideal flowing behaviour, particularly if it is applied by curtain coating machine or bell. We recommend the following procedure for the preparation of the granule suspension with GRANICER 7030:

Depending on the application method, approx. 20 - 40 parts GRANICER 7030 are mixed with water. Afterwards, approximately 100 parts granulate are stirred into this suspension until it is homogeneous. The final viscosity (depending on the application method) will be adjusted by the further addition of water.

The following mixing proportions can be taken as a guide for the individual application methods:

	Bell	Curtain coating machine	Double disk/Airless
Granules	100	100	100
GRANICER 7030	20 - 40	20 - 40	20 - 30
Water	20 - 30	20 - 30	20 - 30
Water (to adjust the desired viscosity)	10 - 40	10 - 40	20 - 60
Recommended viscosities (Ford Cup 4 mm):	18 - 30 sec.	15 - 25 sec.	14 - 15 sec.
Recommended glaze granule size:	D100 < 160 µm		

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties.