

TECHNICAL PRODUCT INFORMATION SHEET

GranCel® 1228 G

GranCel® 1228 G is a chemically modified natural polysaccharide (SCMC) based on cellulose; easy dispersible granulated form has been created as additive for water based indoor dispersion paints.

Benefits:




- ✓ excellent thickener with good adhesion ability
- ✓ efficient suspension of solids
- ✓ stabilization of emulsions
- ✓ compatible with most anionic and non-ionic surfactants
- ✓ it helps film formation: no remain particle in the solution
- ✓ control of viscosity in aqueous solutions
- ✓ almost transparent solution
- ✓ high polymerization: stable viscosity level for long terms stocking
- ✓ improves hiding power of paints
- ✓ reduces paint run

Application:

Thanks to its low dust content and special surface treatment is easy to disperse it in the water. Suggested to add to the water at first phase of paint production. Have to pour slowly and continuously to the mixer under a low shear stirring and with this method not creating lumps. Then mixing approx. 10 minutes and the formulation can be followed. 95- 100% of soluble form is reached by 20-60 minutes of stirring.

If your capacity should be faster **GranCel® 1228 ED** type is recommended.

Application fields:

-  Indoor paint thickener
-  Indoor gypsum based putty (glett mass) dispersed form “ready-to-use”
-  Liquid detergent viscosifier (not acidic) pe: liquid soap, hand crème, softeners.

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Suggested dosage:

- 🌐 0,6-1,0% (wt) as thickener;
- 🌐 2,0-2,2% (wt) for gypsum based glett-mass

General characteristics:

🌐 Appearance:	crème color; free flowing granulated form
🌐 Bulk Density:	600-800 g/l
🌐 Particle size distribution:	20% max through US 80 mesh screen 5% max on US 14 mesh screen
🌐 CMC content:	Min. 65% (for dry basis)
🌐 Degree of Substitution:	Min. 0,8
🌐 Moisture content:	max. 10% (as packed)
🌐 pH (2%)	8-9,5
🌐 Viscosity (on Brookfield 20rpm 2% d.i. water)	150-350 mPas

Shelf life: 12 months (Keep from direct sunlight and wet/vapor) (see MSDS)

Packaging: 25 kg paper sacks, 1000kg palletized

Origin: European Union

Exclusive Distributor:

TiKEM Hungary Ltd.
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(In Europe distributed by TiKEM Group: TiKEM Hungary Kft.; TiKEM Doo.; TiKEM BiH)

Note:

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