



## PORCELAIN HARDENER

### DESCRIPTION

IT IS A HARDENER AND BINDER OF CERAMIC SLURRY MIXTURE SPECIAL FOR PORCELLANATO  
CERAMIC BINDER IS AN AQUEOUS POLYMER EMULSION FOR ENHANCING GREEN STRENGTH OF INDUSTRIAL CERAMIC PARTS

### CHARACTERISTICS

PORCELAIN HARDENER is provided as a ready-to-use water-based emulsion, with no dissolution required.  
Due to its low viscosity relative to other binders it can be used to prepare slurries at higher powder loadings.  
Unlike other water-based binders, spray-dried powders incorporating PORCELAIN HARDENER ceramic binder in their composition are highly insensitive to changes in humidity.  
Scrap containing PORCELAIN HARDENER ceramic binder can be reslurried and reused.

### SPECIFICATIONS

Aspect	White liquid
Pigments	0 %
Solvent	Water
Density	1,05 ±0,1 g/cc
Viscosity	Fluid

### INSTRUCTIONS

Mill ceramic powder, water, and dispersant to deagglomerate powder. Add PORCELAIN HARDENER ceramic binder and stir to mix. Avoid or minimize milling the binder; this can degrade performance. The preferred large-scale mixing method is paddle agitation at 50-150 rpm.

The recommended use level is 0.5-1.5% dry weight based on powder. This dosage could be increased after testing up to 5% if necessary.

### RECOMMENDATIONS

It is advisable to test the product prior to its massive application.

### STORAGE

Preserve in its original and closed packaging.

### PACKAGING

200 and 1000 litres containers.

The information and recommendations indicated on this technical data sheet reflect our current knowledge, laboratory experiments and normal experience. For this reason, our guarantee is limited to the quality of the product supplied. This company shall not assume any liability arising from misuse of our products.