

CO221

White stoneware casting slip

Deflocculated slip / 10 kg bucket

Series 221 is also available for slip casting. CO221 uses the same mineral base as smooth GE221, prepared by wet milling, then sieved and deflocculated in the workshop.

PRODUCT AT A GLANCE

Reference	CO221
Family	Series 221 - white stoneware
Use	Ceramic slip casting
Form supplied	Deflocculated casting slip
Pack size	10 kg bucket

From the mill to the bucket

01 / Milling

The slip comes directly from the workshop’s mills.

02 / Sieving

It is sieved before deflocculation.

03 / Deflocculation

The deflocculant is incorporated in the workshop after sieving. The supplied slip is already deflocculated.

Series 221 for your forming method

Choose CO221 for slip casting. For plastic-clay forming, explore GE221 and the other Series 221 preparations. Each supplied form has its own processing guidelines.

Properties & processing

Indicative values from the product label. Results depend on processing, drying and the firing cycle.

Property	Indicative value	Guidance
Fired colour	White	Depends on firing conditions
Grog	0%	Ungrogged
First firing	960-980 °C	Adapt the schedule to the piece
Second firing	1000-1280 °C	Stated firing range
Drying shrinkage	8.5%	Reference value
Firing shrinkage	5.5%	Reference value
Water absorption	0.4%	Reference value

Test conditions and methods for shrinkage and absorption are not specified. The absorption value does not apply across the full firing range. These values do not constitute a product specification.

Preparing to cast

Mix the slip thoroughly before use. Check its behaviour in your moulds and adjust the casting time to achieve the required wall thickness. The slip is already deflocculated: seek advice before adding water or more deflocculant.

Drying, firing and glazing

Adapt drying and the firing schedule to the shape, wall thickness and kiln. Test the finished piece and glaze fit before starting a production run.

Handling & technical advice

Keep the bucket closed between uses. Avoid dust from dried residues and use wet cleaning methods. For casting adjustments or storage conditions, contact our technical team: contact@raoult-beck.fr.