

REFPAC™

Fluidifying Agents



Kerneos Active Compounds have been developed specifically with the demands of the Refractory industry in mind. Unlock your potential to innovate, reduce your time to market for new products and get access to over 100 years of continuous research into Calcium Aluminate technology.

● REFPAC™ 100

Specifically designed for **Silica fume** containing **Castable products**.

REFPAC™ 100 when used with bauxite, andalusite, alumino-silicate calcines and chamotte aggregates as well as many recycled materials, has been shown to give outstanding all-round performance in a range of conditions.

This multi-component system acts to control CAC dissolution rate and setting time to give consistent reliable installation characteristics while accounting for variation that is found in many modern day raw materials.

Technical Advantages:

- Improved production consistency and reliability with consistent dosing.
- Reduction in the influence of raw material inconsistency.
- Allows for increase in the use of recycled materials.

● REFPAC™ 200

Specifically designed for **Alumina** and **alumina-spinel** based castables.

REFPAC™ 200 is based on the Peramin proven technology that offers excellent flow properties at reduced water demands in conjunction with a regulated hardening profile.

The fast 'wet out' times, excellent flow properties and low water demands all contribute to improved installed performance and consistency on site, allowing rapid de-airing and consolidation under vibration.

Giving you the ability to deliver on your promise of a fast, efficient and predictable installation - every time.

Technical Advantages:

- Improved production consistency & reliability with consistent dosing.
- Improved delivered performance via optimal installation parameters.

REFPAC™ Active Compounds are designed to be used at high dosage rates of around 1% to allow increased accuracy when used either as a hand additive or through automated dosage systems.

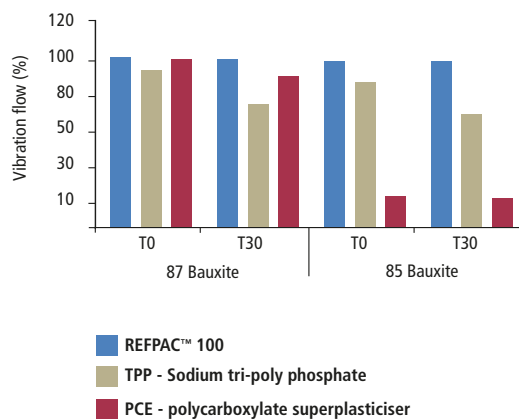
REFPAC™ Fluidifying Agents

Product Details

	REFPAC™ 100	REFPAC™ 200
Application	Silica Fume containing castables	Alumina / Alumina Spinel castables
Suggested addition rate	1%	1%
Appearance	Off white powder	Off white powder
Odour	None	None
Bulk Density kg/m ³	1,000 - 1,200	1,000 - 1,200
Shelf life	12 months	12 months
Packaging	On request	On request

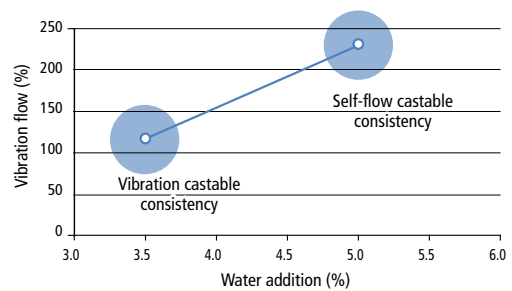
REFPAC™ 100

Initial and 30 minute flow for 1% addition of REFPAC™ 100 compared to Standard defloculants



REFPAC™ 200

Initial Flow vs. Water addition for 1.0% addition of REFPAC™ 200 to an alumina spinel castable at 20°C



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