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## HEADCEL S 5027

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Version 1.1

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August 2016

### Headcel S 5027

#### *Modified Cellulose Ether for cement-based systems*

Headcel S 5027 was developed for cement-base dry mortar products including CTA, and cementitious parts of an External Thermal Insulating System. It allows manufacturing tiles adhesives with exceptional slip resistance, open times and adhesion under different storage conditions. Due to its good anti-slip property it can be used in high end tile adhesive product with good early strength.

It also imparts good workability and enhances water retention. It is compatible with all conventional mineral and organic binders.

- ✓ Good water retention
- ✓ Good bonding strength
- ✓ Very good anti-slip
- ✓ Long open time

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- Typical addition level for ceramic tile adhesive : 0,2 – 0,5%

Viscosity : 80000-120000 mPas

Particle size : powder

Moisture content : max. 5 %

Bulk density : 200 - 500 g/l

2 % solution; on dry basis; Brookfield RVT; 20 rpm, 20 °C.

## Storage

Headcel S 5027 is a non-perishable product. It is recommended to use the product in rotating on a first in first out basis. The product should be stored under dry and clean conditions in its original packaging and away from heat. The product is hygroscopic. The packaging is selected in a way to avoid ingress of moisture, but the water content of the packed product will / may increase if not stored dry.

## Product safety

According to the EU legislation on dangerous substances and preparations, Headcel S 5027 is not hazardous. Further data on the safety aspects of Headcel types are given in the Safety Data Sheet.

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