

# Technical Data Sheet - Pentra®-Sil (H)

Cures & Densifiers



## WHERE TO BUY THIS PRODUCT ?


Ask for your **local distributor's** contact details at :  
[info@convergent-group.com](mailto:info@convergent-group.com)

## PACKAGING

- Plastic Pail : 20 L
- Container IBC : 1000 L

## INFORMATION

 [technical@convergent-group.com](mailto:technical@convergent-group.com)

 +32 60 390 752

 [www.convergent-group.com](http://www.convergent-group.com)

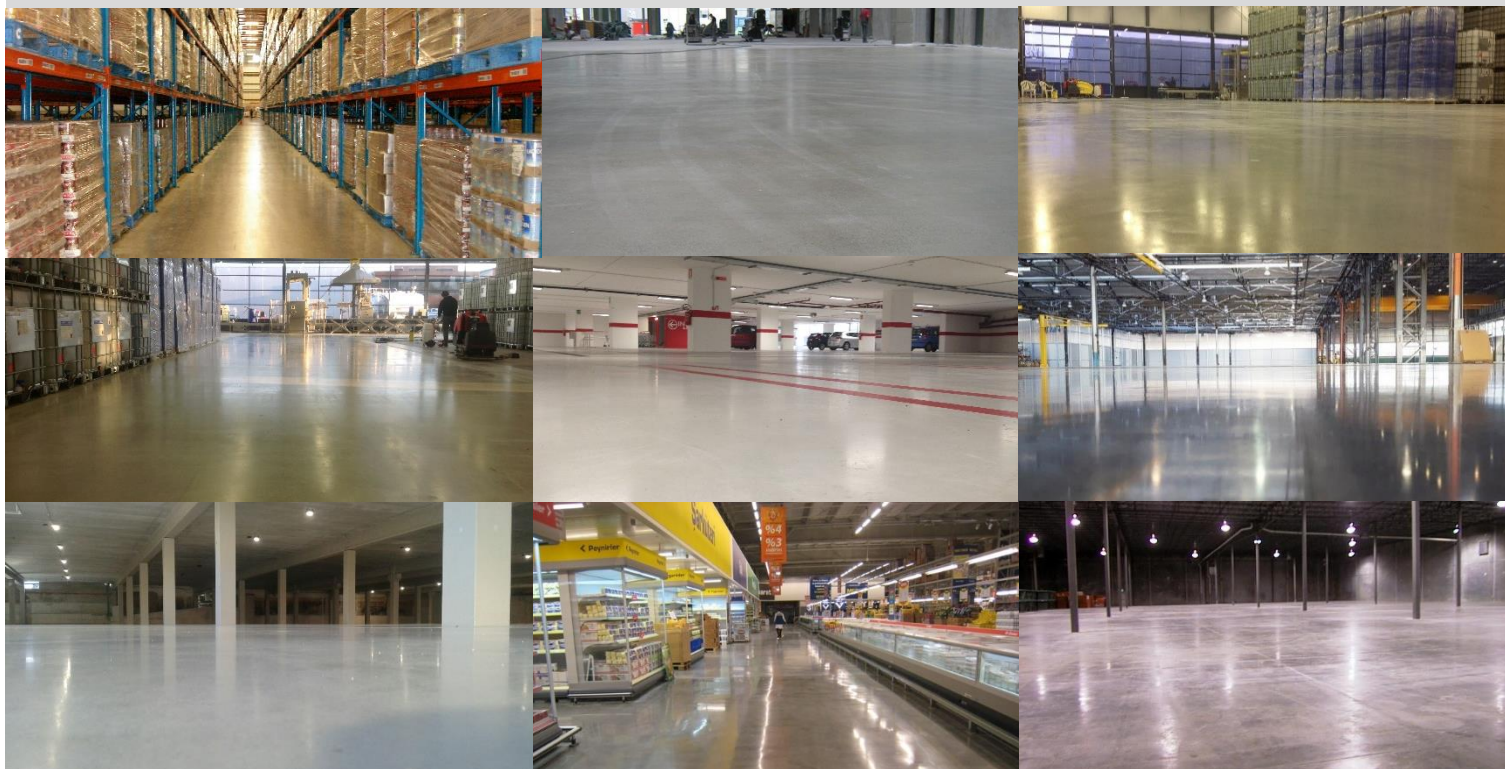
## Surface hardener to be applied when placing concrete

Pentra®-Sil (H) is a high-quality lithium polysilicate hardener for freshly smoothed concrete and concrete slabs placed by raising. This fast-drying, reactive formula offers optimum hardening properties to increase abrasion resistance and reduce dust formation in a single application. This water-based treatment densifies the surface and lets the substrate breathe, while at the same time making the surface extremely hard. When applied to new concrete, the product penetrates the substrate and reacts with free lime to form an insoluble calcium silica hydrate that makes concrete more resistant to water.

## BENEFITS

- ✓ Easy application, no rinsing required
- ✓ Penetrates the surface without forming a removable film
- ✓ Reduces efflorescence
- ✓ Does not cause alkali-silica reaction or crazing
- ✓ Water-based
- ✓ VOC < 1 g/L
- ✓ Extends finishing life of polished surfaces
- ✓ Stain and dust resistant Maintenance-free

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## PROPERTIES

- Couleur : Transparent
- Odeur : Sans odeur
- Densité : 1,06
- pH : 11,5
- Base aqueuse
- VOC < 1 g/L
- Indoor Air Comfort Gold
- Conservation : 1 an dans son conditionnement d'origine scellé

## USE

- ✓ New concrete
- ✓ Existing concrete
- ✓ Interior
- ✓ Exterior
- ✓ Heavy traffic
- ✓ Light traffic, pedestrian



## HEALTH & SAFETY

Carefully read the safety data sheet available on request

## APPLICATION

Carefully read and follow the application system available on request.


## ESTIMATED COVERAGE

- ✓ Trowel-smoothed surface: 1 Litre for 12 to 19 m<sup>2</sup>/L
- ✓ Brush-smoothed surface: 1 Litre for 8 to 10 m<sup>2</sup>/L
- ✓ Yield varies according to concrete finish and porosity

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Convergent Group SA's management system has been audited and certified according to the requirements of **ISO 9001:2015** for the activities of Production of hardeners for industrial concrete floors.



## GARANTEE

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