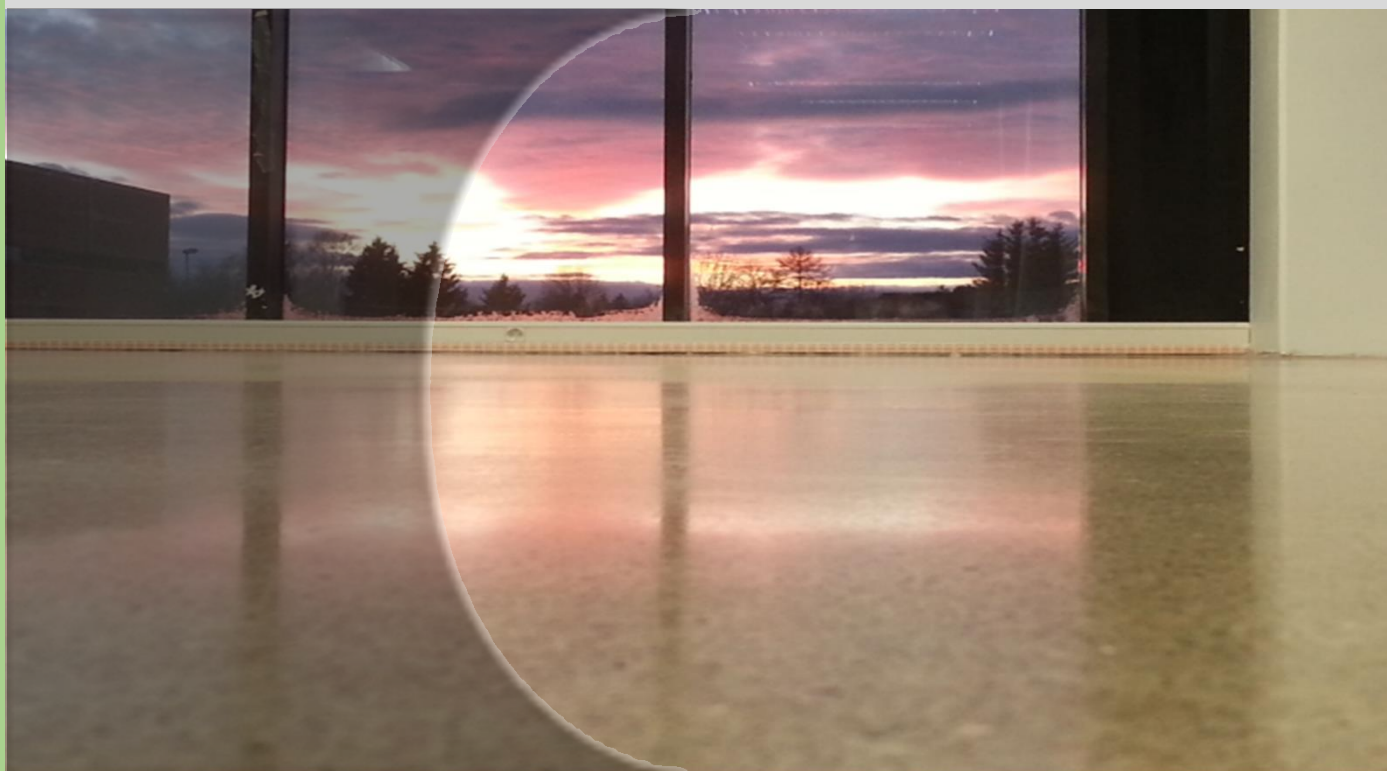


Technical Data Sheet – Pentra®-Guard (HP)

Sealers & Guards



WHERE TO BUY THIS PRODUCT ?


Ask for your **local distributor's** contact details at :
info@convergent-group.com

PACKAGING

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

INFORMATION

 technical@convergent-group.com

 +32 60 390 752

 www.convergent-group.com

High-performance surface hardener and transparent protective coating for industrial floors

Pentra®-Guard (HP) high-performance surface hardener and transparent protective coating for industrial floors is a “surface treatment that forms a fine inorganic/organic hybrid film based on Nano Lithium™”. This treatment has hardening and sealing properties for concrete floors, making the surface very strong, dustproof, resistant to chemical attack and waterproof. The treatment offers an aesthetically pleasing transparent gloss finish and is easy to apply.

BENEFITS

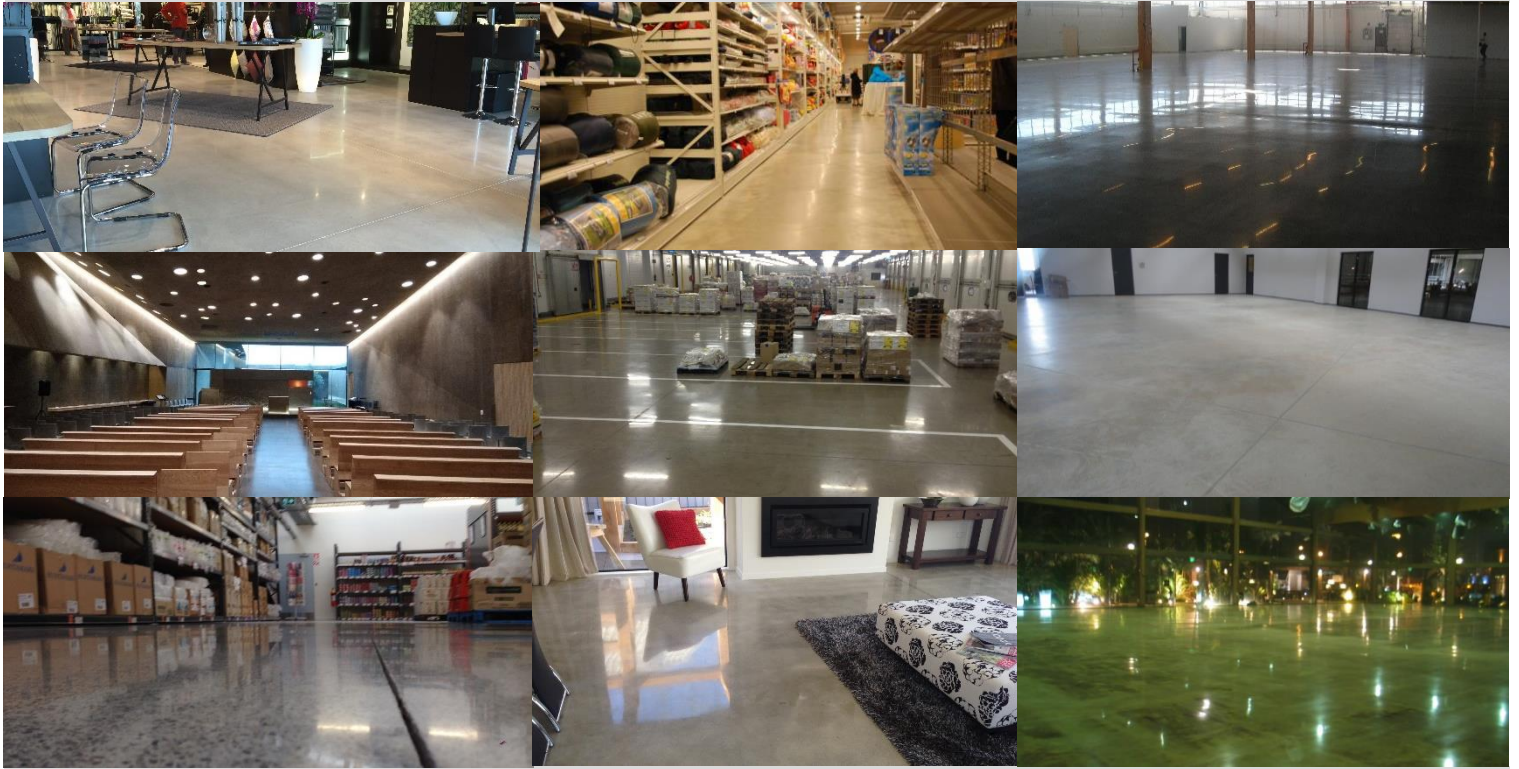
- ✓ Film-forming, highly stain-resistant treatment
- ✓ Easy maintenance
- ✓ Forms a protective barrier that preserves surface color and gloss appearance
- ✓ Combines the long-lasting protection of a penetrating densifying agent with the aesthetic finish of a high-performance clear gloss coating

USE

- ✓ New / Existing concrete
- ✓ Interior / Exterior
- ✓ Heavy traffic / Light / Pedestrian



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PROPERTIES

- Color : White
- Odor : Slight ammonia odor
- Density : 1,09
- pH : 11.5
- Water-based
- VOC < 50 g/L
- Indoor Air Comfort Gold
- Shelf life: 1 year in original sealed packaging

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 :
 - 1st coat : 1 liter for 37 – 74 m²/L
 - 2nd / 3rd / 4st coats : 1 liter for 74-98 m²/L
- ✓ Yield varies according to the finish and porosity of the concrete.

PERFORMANCE

- ✓ Reaction to fire classification : A1_{FL} (NF EN ISO 1716)
- ✓ Permeability : 0,39 kg/m².h^{0.5} (NF EN 1062-3 : 2008)
- ✓ Taber abrasion resistance : Average mass loss at 100 revolutions : 480 mg (NF EN ISO 5470-1 : 2017)
- ✓ Dry adhesion : 2,6 N/mm² (NF EN 13892-8 :2003)
- ✓ Coefficient of water absorption before rolling : 0,06 mL/m²/h
- ✓ Coefficient of water absorption after rolling : 0,08 mL/m²/h
- ✓ Surface hardness : 718,8 N/mm² (NF EN 13892-6 :2003)
- ✓ Ball indentation hardness : 120,77 N/mm² (NF EN 13892-6 :2003)
- ✓ Chemical resistance (48 h) :
 - 10% acetic acid % (a1) : No degradation
 - Sulfuric acid 20% (a2) : No degradation
 - Soda 20 % (b1) : No degradation
 - Amines (b2) : No degradation
 - Methanol (s1) : Loss of hardness
 - Trichlorethylene (s2) : Loss of hardness
 - Gasoline (s3) : No degradation
 - Motor oil (s4) : No degradation
 - Brake fluid (s5) : No degradation



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INFORMATION



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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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