

Technical Data Sheet

Hydroseal™ 81C Water Repellent

Article number: HY83245 Verification date: 18/11/2025 Version: 2.2

Typical chemical and physical properties

non-toxic and non-flammable water repellent, with a lustre/gloss finish for masonry. It gives excellent penetration in porous substrates and silicifies masonry substrates.

Based on polymer dispersion and hydrophobic components.

Appearance White translucent liquid

Active content ~25%

Solubility

Water Miscible

Density at 25°C 1,02 - 1,04 g/ml

pH at 25°C 9,5 - 10,5

Viscosity at 25°C <50 mPa·s

This information is intended as a guideline only. For specifications please consult the Certificate of Analysis.

Application and

treat level Markets

Building industy

Construction industy

Applications Masonry substrates

Recommended dosage/usage Ready to use or 2:1 dilution

Key benefits

- VOC free -- Yes -- APEO/NPEO free -- Free of silicates -
- Easy to handle liquid providing a water repellent water vapour barrier (with a lustre/gloss finish).
- Concrete sealing with dust-proofing and hydrophobic properties; silicifies masonry surfaces.
- Reduction in freeze thaw cracking and spalling of bricks .
- Improvement in winter fuel efficiency by maintaining the effective heat insulation properties of dry bricks.
- Reduction and elimination of efflorescence, caused by salts migrating to the surface.
- Reduction in surface dirt pick-up, often caused by soluble soot's in rain.
- · Reduction in mould, fungal and other microbial infestations.
- Reduction in acid rain attack.
- Reduction in CO₂ transmission. CO₂ assists in the reduction of alkalinity of the concrete, an important factor in protection of steel reinforced rods.











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Please read Safety Data Sheet (SDS) before handling. Safety and Handling

Product Specification This information is available on request through our local representative.

This information is available on request through our local representative. **Packaging**

The product should be stored at a temperature of no less than 10 °C and no more than 25 °C and away Storage

from light. For more safety details read the Safety Data Sheet (SDS)

Quality Policy The objective of our quality policy is the continuous fulfillment of the internal and external requirements

agreed upon with our partners with regards to everybody's performance.

The Quality System of ADDAPT® Chemicals BV is based on the principles of the NEN - EN - ISO -

Standard 9001:2015.

Liabilities All recommendations for the use of our products, whether given by us in writing, orally, or to be implied

from the results of tests carried out by us, are based on the current state of our knowledge.

Notwithstanding any such recommendations, buyer or user remains responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility thereof. Buyer has to ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with, and subject to, our general

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