RIGID CEMENTITIOUS SURFACE WATERPROOFING

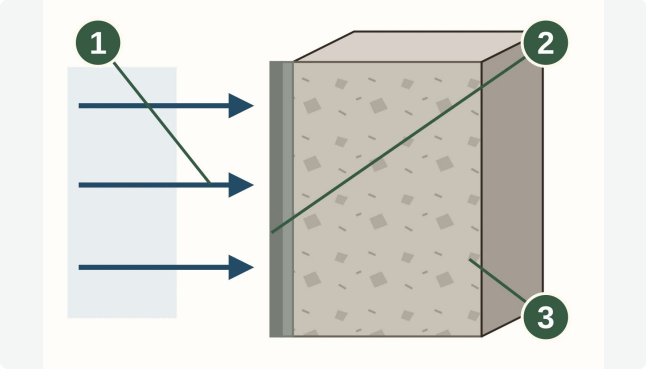
VELOSIT WP 100

VELOSIT WP 100 is a rigid cementitious coating that bonds to suitable concrete and masonry. It provides surface waterproofing on the selected face of the structure, as part of a complete waterproofing system.

PRODUCT AT A GLANCE

Material	Rigid cementitious coating
Bond	To a sound mineral substrate
Water exposure	Positive- or negative-side design

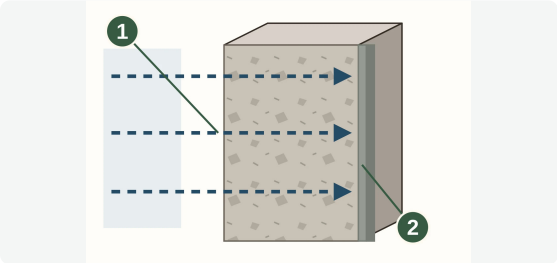
Positive-side waterproofing



Conceptual section; not to scale.

1. Water reaches the coating first
2. Rigid bonded coating
3. Mineral substrate

Negative-side waterproofing



Conceptual section; not to scale.

1. Water approaches through the substrate
2. Rigid bonded coating on the opposite face

Uses and benefits

Bonded surface waterproofing

Forms a waterproofing layer on suitable concrete and masonry, with the coating bonded directly to the mineral substrate.

Water-facing and reverse-side layouts

Positive- and negative-side arrangements place the coating on different faces of the structure. Each arrangement requires its own design assessment.

Material and application

Suitable surfaces	Concrete and suitable masonry with a sound, prepared mineral surface.
Positive side	Water reaches the coating before the mineral substrate.
Negative side	Water reaches the substrate before the coating on the opposite face.

Application notes

The rigid coating does not bridge moving joints. Joints, moving cracks and penetrations need compatible details, and active leaks need separate treatment.

Substrate condition, existing coatings, preparation, exposure and subsequent finishes remain part of the complete system design. Any required project approvals remain to be confirmed.

No pressure rating, coat count or coating thickness is specified in this overview.

Product overview. The applicable technical and safety data sheets govern application and handling.

Reference: VELOSIT WP 100 manufacturer technical data sheet, edition 1322. The supplied formulation and matching safety data sheet are not yet verified; this overview contains no application method. · Manufacturer technical sheet