



NEW

Sika® ViscoCrete®-31 PowerPack AS
Anti-streaking for more robustness
in difficult sands

Sika® ViscoCrete®-PowerPack-Range
YOUR NEW SOLUTION FOR ROBUST,
LOW VOC DRY MORTAR

EASY TO DOSE, LONG-TERM STABLE AND CUSTOMIZED SUPERPLASTICIZER

BUILDING TRUST



Sika® ViscoCrete®-PowerPack-Range

SIMPLE DOSING AND OPTIMIZED COMPOSITION OF Sika® ViscoCrete®-PowerPack-VARIANTS PROVIDE OUTSTANDING PRODUCT QUALITY WITH A HIGH DEGREE OF ECONOMY.

FIELD OF APPLICATION:

- Drymix calcium sulphate flow screeds
- Binder compounds for construction site flow screeds
- Grouts
- Drymix concrete
- Injection mortars
- Cementitious screeds
- Other dry mortar systems

PRODUCT ADVANTAGES:

- Very good flowability and self-levelling behavior
- Reduced mixing times on the building site due to rapid adsorption
- Simple and safe dosing
- No additional air entrainment
- Very wide field of application
- Compatible with other additives
- For very low emission mortar formulations



Sika® ViscoCrete®-PowerPack – FEATURES – ADVANTAGES

Sika® ViscoCrete®-PowerPack-Range, THE EASY PROCESSABLE ADDITIVE WITH VERY LOW EMISSION AND ROBUST MORTAR FORMULATIONS.

TECHNICAL SPECIFICATIONS Sika® ViscoCrete®					
Binder System	PowerPack -10 MF	PowerPack -15 MF	PowerPack -20 MF	NEW	NEW
				-30 PowerPack	-31 PowerPack AS
Alpha-Hemihydrate	○	○	◐	○	○
Beta-Hemihydrate	◐	○	◐	◐	◐
Anhydrite synthetic	●	● longer open	○	◐	◐
Anhydrite thermal	○	○	●	◐	◐
Anhydrite natural	◐	●	◐	●	●
Cementitious OPC	●	● longer open	◐	● longer open	●
Ternary OPC/CAC	○	○	●	◐	◐
Ternary OPC/CSA	○	○	◐	●	◐
Magnesia MGO	○	○	●	NPD	NPD

○ conditionally suitable ◐ well suited ● very well suited NPD = no performance detected

Characteristics					
Dosage Gypsum [% b.w.o.b.]	0.2–0.5	0.35–0.8	0.25–0.5	0.15–0.35	0.2–0.5
Dosage Cement [% b.w.o.c.]	0.6–2.0	1.0–2.5	0.5–2.0	0.25–0.9	0.35–1.2
Dosage flow cement [% b.w.o.c.]	1.5–2.0	1.5–2.5	1.5–2.0	0.5–1.2	0.9–2.0
Water reduction	high	normal	very strong	normal	high
Slump keeping	middle	high	low	high	middle
Introduces additionally air	no	no	no	no	no
Stabilizing effect	yes	slight	slight	well	well
Adsorption time	fast	fast	very fast	fast	fast
CE-Marking EN 934	yes	yes	NPD	NPD	NPD
Robustness sand/binder	normal	normal	normal	high	very high

WORLDWIDE SYSTEM SOLUTIONS FOR CONSTRUCTION AND INDUSTRY



CONCRETE



WATERPROOFING



ROOFING



FLOORING



CORROSION AND FIRE PROTECTION



SEALING AND BONDING



REFURBISHMENT



BUILDING FINISHING



INDUSTRY

As a subsidiary of the globally operative Sika AG, Baar/Switzerland, Sika Deutschland GmbH is one of the leading suppliers of building chemical product systems as well as sealants and adhesives for industrial manufacturing.



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