

PAGEL®-PCC-SCREEDING-COMPOUND

PROPERTIES

- **equalising and scratch screed** with granulation 0.0 – 0.5 mm
- excellently suitable for applying to vertical and overhead-surfaces
- **sprayable**
- particularly easy processing and very **high stability and adhesion**
- **plastic-strengthened** and **ready for use**
- contains a **polymer powder** and is **mixed only with water**
- **water-vapor-diffusion** and resistant to frost and dew-salt, also to ageing
- **carbonisation brake**
- **coating consistency** as slurry for interior and exterior applications
- has already had great success in **practice**, even in bridge constructions in difficult climatic conditions
- fulfils the technical testing and supply conditions in accordance with **ZTV-ING 90/TL-TP PCC and OS**
- is subject to our own **constant controlling** in accordance with the recognized standards and guidelines. The production is certified in accordance with **ISO 9001**.
- **is supplied as a system** and consists of the following products:

M S 0 2 PAGEL-CORROSION-PROTECTION AND ADHESION-LAYER

M S 2 0 PAGEL-REPAIR-MORTAR

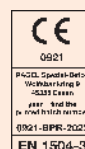
0 2 C PAGEL-CONCRETE-PROTECTION-PAINT (OSC)

0 2 D E PAGEL-CONCRETE-PROTECTION-PAINT (OSD II)

FIELDS OF APPLICATION

- **repair** of pores, holes, cracks, floor and wall irregularities
- **substrates** for surface protection coatings
- **equalising** of concrete maintenance work
- **coating** of finished parts, masonry and concrete surfaces
- **filling** of cable and pipe slits

M S 0 5



TECHNICAL DATA			
TYPE		M S O 5	
grain size	mm	0–0.5	
coating thickness	mm	1.5–6	
quantity of water	%	15	
consumption (1 mm thickness)	kg/m ²	app. 2	
density of freshly mixed mortar	kg/dm ³	app. 2.050	
W/Z-Value		0.40	
processing time	min.	app. 45	
compressive strength	24 h	N/mm ²	≥ 15
	7 d	N/mm ²	≥ 35
	28 d	N/mm ²	≥ 45
bending strength	24 h	N/mm ²	≥ 3
	7 d	N/mm ²	≥ 6
	28 d	N/mm ²	≥ 8
adhesion strength	7d	≥ 1.5	
	28 d	≥ 1.5	
All test data are guide values, proofed in our German manufacturing plants. - values from other manufacturing plants may vary.			

supplied in: 25-kg-bag
storage: dry
shelf-life: 9 months in sealed containers
types of Cement: Other types of cement can also be supplied although the technical properties do change as a result. If you have any queries, please get in touch with our Customer Services.

CE	
0921	
PAGEL® SPEZIAL-BETON GmbH & Co. KG, D-45355 Essen	
find the printed batch number	
0921 – BPR – 2023	
EN 1504-3	
MS05 PAGEL® - PCC-SCREEDING-COMPOUND	
Mortar for statically and not statically relevant repairs (on the basis of hydraulic cement)	
Compressive strength	Class R3
Chloridion content	≤ 0.05 %
Adhesion	≥ 1.5 MPa
Prevented shrinkage/swelling	≥ 1.5 MPa
Resistance to carbonation	≥ 0.5 mm
Modulus of elasticity	NPD
Temperature variation tolerance	NPD
Grip	NPD
Thermal expansion coefficient	NPD
Capillary water absorption	NPD
Reaction to fire	Class E
Hazardous Substance	In accordance with EN 1504-3, 5.4

NPD: „No Performance Determined“

PROCESSING

SUBSTRATE: Carefully clean, remove loose and adhesion-reducing parts as well as cement slurry by high-pressure water-blasting or such like down to the load-bearing grain structure, sufficient abrasion resistance must be guaranteed (mean > 1.3 N/mm²). Pre-wet to saturation.

MIXING: Apart from a residual quantity, pour the water (max. 15 %, corresponding to 3.75 l per bag) into the forced-circulation mixer. Add dry mortar and mix for approx. 3 minutes. Add the rest of the water and mix for a further 2 minutes until a stopper-consistency mass is created.

PROCESSING: Previously fill cavities and pores by brushing-in or raking. Then apply **MS05 PAGEL-PCC-SCREEDING-COMPOUND** fresh-on-fresh in one process and smooth off after a reasonable waiting period.

If applied by the spray process, seek special technical advice if required.

CAUTION: Protect surface against wind, draughts and premature water evaporation e.g. with film or water-holding covering or **02C PAGEL-CONCRETE-PROTECTION-PAINT**. Do not after-work the surface with a brush or smoothing trowel.

The information provided in this leaflet, is supplied by our consulting service and is the end result of exhaustive research work and extensive experience. They are, however, without liability on our part, in particular with regard to third parties proprietary rights, and do not relieve the user of the responsibility for verifying that the products and processes are suitable for the intended application. The data presented was derived from tests under normal climate conditions according to DIN 50014 and mean average values and analysis. Deviations are possible when delivery takes place. Given that recommendations may differ from those shown in this leaflet written confirmation should be sought. It is the responsibility of the purchaser to ensure they have the latest leaflet issue and that its contents are current. Our customer service staff will be glad to provide assistance at any time. We appreciate the interest you have shown in our products. This technical data sheet supercedes previously issued information. Please find the latest leaflet issues at www.pagel.com.



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