

MS 05 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 succes in **practice**, even in bridge constructions in difficult climatic conditions
- fulfils the technical testing and supply conditions in accordance with **ZTV-SIB 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:
 - MS 02 PAGEL-CORROSION-PROTECTION AND ADHESION-LAYER
 - MS 20 PAGEL-REPAIR-MORTAR
 - O2C PAGEL-CONCRETE-PROTECTION-PAINT (OSC)
 - O2DE PAGEL-CONCRETE-PROTECTION-PAINT (OSDII)

FIELDS OF APPLICATION

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



MS05 PAGEL® PCC-SCREEDING-COMPOUND

TECHNICAL DATA

TYPE		MS05
grain size	mm	0-0.5
coating thickness	mm	0.5-6
quantity of water	%	15
consumption (1 mm thickness)	kg/m ²	2
density of freshly mixed mortar	kg/dm ³	1.924
W/Z-Value		0.46
processing time	min	45
compressive strength	24 h	N/mm ² 15
	3 d	N/mm ² 23
	7 d	N/mm ² 35
	28 d	N/mm ² 50
bending strength	24 h	N/mm ² 3
	3 d	N/mm ² 5
	7 d	N/mm ² 6
	28 d	N/mm ² 9
adhesion strength	7 d	N/mm ² ≥ 1.5
	28 d	N/mm ² ≥ 1.5

All test data are values derived under normal climate conditions. 23/50-2

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.

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 O2C 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.



PAGEL®

SPEZIAL-BETON GMBH & CO. KG

WOLFSBANKRING 9 · D-45355 ESSEN

TEL. +49 (0) 201-68504-0 · FAX +49 (0) 201-68504-31

INTERNET: WWW.PAGEL.COM · E-MAIL: INFO@PAGEL.COM