

CIRCOSIL[®] - Guiding Formulation

Light weight decorative render (Guiding Formulation F 803 C)

CIRCOSIL 1,5	(1)	30,0	M.-%
CIRCOSIL 0,5	(1)	8,0	M.-%
CEM I 42,5 R white		15,0	M.-%
Calcium hydroxide		8,0	M.-%
Cellulose Ether 15000 mPas		0,16	M.-%
Cellulose Fibres 500 µm		1,0	M.-%
Redispersion powder		1,0	M.-%
Calcium carbonate sand 0,5 – 1,2 mm		11,0	M.-%
Sand Nr. 6	(2)	24,82	M.-%
Air entrainig agent		0,02	M.-%
Zink stearate		1,0	M.-%

Mortar parameters:

Water/Solid Ratio	0,66
Consistency	16,1 cm
Fresh Mortar Density	1,20 kg/dm ³
Air	23,5 Vol.-%
Water Retention	96 %
Dry density (ρ_{28})	0,81 kg/dm ³
Flexural Strength (BZ ₂₈)	0,7 N/mm ²
Compressive Strength (D ₂₈)	0,8 N/mm ²
Proportion BZ/D	0,88
Capillary Water Uptake	0,22 kg/m ² h ^{1/2}

Suppliers:

- 1) CIRKEL GmbH & Co. KG, Rheine +49 (0)5971/96172-11
- 2) Dörentrup Quarz GmbH & Co. KG, Dörentrup +49 (0)5265/7710