

PRODUCT DESCRIPTION

Getting the right amount of concrete cover is essential for the durability of reinforced concrete structures. Fibre concrete spacers ensure correct concrete cover before and during concreting. They are characterized by high compressive strength and excellent chemical and physical resistance.

The spacers fulfil the requirements of all exposure classes. All recipes used are tested by independent testing institutes with regard to the required properties.

BENEFITS

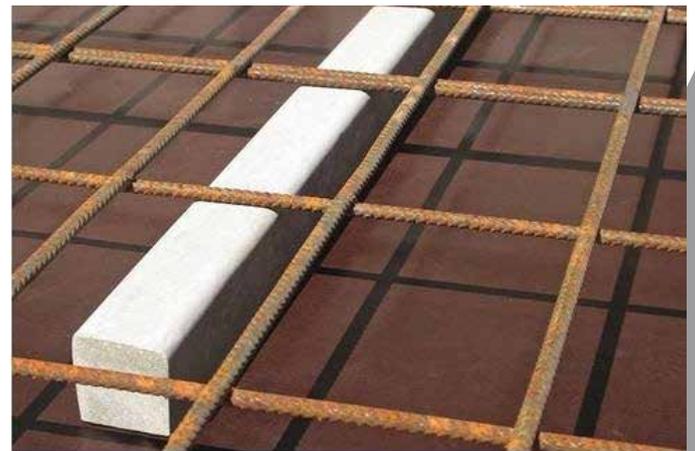
- High density with low porosity
- High load-bearing capacity
- Same material properties as the structural concrete
- Excellent bond with the structural concrete, no hairline cracks

AREAS OF APPLICATION

Ideal for all ground slab applications

TEST RESULTS

- Chloride ingress conformance to NT Build 443 for Exposure Class C ($<2 \times 10^{-12} \text{m}^2/\text{s}$).
- Sorptivity conformance ($<8 \text{mm}$ penetration) to Exposure Class C according to RMS T362.
- Sulphate and Chloride content of the concrete mix (please refer to the two tables below for summation of contents from the mix constituents).
- Showing chloride ion content, satisfying RMS B80 CI 2.6.1
- Showing the sulphate content, expressed as the percentage by mass of acid soluble SO_3 to cement, satisfying RMS B80 CI 2.6.2



Summing the chloride content of the individual concrete constituents

		Chloride (%)	Percentage Mixture		Chloride Content
			Min (%)	Max (%)	Max (%)
Cement	CEM II/A-LL 42, SR	0.051	40	50	0.03
Aggregates	0-2mm	0.001	30	40	0.00
Additives	PCE	0.100	0.5	1.0	0.00
Water	H2O	48mg/l	10	15	0.04
				TOTAL	0.07%

Summing the sulphate content of the individual concrete constituents

		SO3 (%)	Percentage Mixture		Chloride Content
			Min (%)	Max (%)	Max (%)
Cement	CEM II/A-LL 42, SR	2.73	40	50	1.37
Aggregates	0-2mm	0.20	30	40	0.08
Additives	PCE	0.00	0.5	1.0	0.00
Water	H2O	42mg/l	10	15	0.04
				TOTAL	1.49%