

## Technical Data Sheet

### CARBOMETUM® standard

**Products** **CARBOMETUM® standard** is used for building materials containing concrete in structural works, shell and core, where normal, grey Portland cement is used (concrete, cement coating, cement screed (cement floor, mortar, render).

**CARBOMETUM® light** is used in finishing ceilings and walls (lime plaster, finishing coat, white wash, final coating or paint finish).

#### Recommended Quantity

*	<b>CARBOMETUM® standard</b>	
<b>Concrete ~ CEM 300</b>	3 kg / m <sup>3</sup>	
<b>Cementitious floor screed</b>	<b>200-240 g / m<sup>2</sup></b>	
conventional	500 g / 50 kg cement	/ 80 mm; ~ 220 g/m <sup>2</sup>
	(~ 3 kg / m <sup>3</sup> )	
flowing screed SikaScreed® CTF	4 kg / m <sup>3</sup>	/ 50 mm; 200 g/m <sup>2</sup>
<b>Calcium sulphate screed</b>	<b>180-220 g / m<sup>2</sup></b>	
conventional	500 g / 200 Litre	/ 80 mm; 200 g/m <sup>2</sup>
flowing screed KBS	1'250 g / 315 Litre	/ 50 mm; 200 g/m <sup>2</sup>
<b>Mortar /</b>	500 g / 50 kg cement	
<b>Base Coats</b>	3 kg / t	/ 10 mm; 30-45 g/m <sup>2</sup>
<b>Plaster for painting</b>	3 kg / t	/ 5 mm; 7-10 g/m <sup>2</sup>

\* Reference values, depending on material and processing

**Arrangement** Paper bags of 3 kg and 500 g

**Preparation** The preparation of bio-concrete using **CARBOMETUM® standard** is usually carried out at the concrete mixing plant. But when done in the transport vehicle a mixing time of 3 minutes per 1m<sup>3</sup> concrete must be applied.

The manufacturing is the same as with conventional concrete.

**Concrete Testing** **CARBOMETUM® standard** as an additive to concrete does not influence its static quality. Test values for cube pressure, strength, consistency, content of air voids, water content and density are all within the appropriate scatter range of concrete without additive (as tested on various concrete mixtures).

#### Product Data

Colour	black
Appearance	solid, granular < 1mm
Chemical basis	combination of metals, natural minerals, charcoal
Density	0.70 – 0.80 kg/dm <sup>3</sup>
pH-value	7.7-8.3 (aqueous suspension 10% wt/wt)
Storage	dry conditions for min. 3 years
CPID	.604704-80

#### Safety Instructions



**H411**  
**P273**  
**P391**

Contains copper powder!

Toxic to aquatic life with long lasting effects

Avoid release to the environment

Absorb spillage to prevent material damage.

**Transport** ADR/RID (carriage by road) / ICAO/IATA-DGR (air freight): Not dangerous goods

**Disposal** For **CARBOMETUM®** according requirements for waste products.

In case of deconstruction, **CARBOMETUM®** - containing building materials are deposited as inert material or recycled for concrete based construction materials.

#### Important Information

To achieve an overall good quality of the room, in addition to the **CARBOMETUM®**, general building biology criteria must be taken into account