

## Technical data sheet

### Fibre cement panels

#### **Description of product:**

Fibre cement panels are of a mixture of cement, cellulose, PP-fibre, perlite and other mineral aggregates. They are fire-proof and resistant against insects and fungal decay. Furthermore, they are characterised by excellent mechanical and physical attributes and a low water absorption.

Fibre cement panels are grey panels with a relative smooth surface each side.

Should the panels be weathered for a long time, a further treatment to protect the surface will become necessary.

#### **Dimensions:**

Width: 1200 mm

Length: 2500 mm

Thickness: 9, 12, 15, 18 und 21 mm

Tolerances:

Width, length  $\pm 4$  mm

Thickness +20% -10%

#### **Treatment:**

The panels can be treated with carbide tools.

#### **Mechanical and physical properties:**

Gross density:	1350 – 1690 kg/m <sup>3</sup>
Tensile bending strength: (parallel to fibre)	at least 13 N/mm <sup>2</sup>
Tensile bending strength: (vertical to fibre)	at least 18 N/mm <sup>2</sup>
Water absorption after 24 h:	maximal 13 %
Strength compression:	15,8 N/mm <sup>2</sup> at a 10 % compressive strain

All panels are asbestos-free and cement-based. As is the case with all cement-based materials, the panels can shrink or swell up to 2 ‰, even if they have fully hardened. One-sided drying and wetting may result in bulging and constitutes an inherent material property.

The recommendations to the application techniques that have been made to support the user by virtue of our available experience and to the best of our knowledge according to the present state of knowledge in science and practice, are not binding and do not constitute any contracted legal relations or ancillary obligations. They do not exonerate the user from examining the usability of our product for the intended application on his own responsibility.