The eurocell® factor

An objective standard of reference for calculating economy.

When comparing eurocell® with conventional fillers account should always be taken of eurocell®s low effective density. A useful standard of reference is the eurocell® factor, which enables simple volumetric ratios to be calculated.

An example of calculation

Suppose that eurocell® is to be compared with talc.

For this purpose the relative density of talc (2.8 g/cm³) is devided by the effective density of eurocell® 300 (0.18 g/cm³):

2.8 / 0.18 = 15.5

This means that for a given weight the volume of eurocell® will be 15.5 times greater than the volume of talc.

Similary, the costs for a given weight of eurocell® must be devided by 15.5 when comparing eurocell® with talc.

Some eurocell® factors

The following table shows the eurocell® factors for the most commonly used fillers.

Filler	Relative density g/cm³	eurocell® factor
Talc	2.8	15.5
Limestone	2.7	15.0
Silica	2.6	14.4
Glass	2.6	14.4
Aluminium trihydrate	2.4	13.3
Resin	1.1	6.9

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