

The **eurocell®** factor

An objective standard of reference for calculating economy.

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

An example of calculation

Suppose that **Curocell**[®] 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[®] 302** (0.2 g/cm³):

2.8 / 0.2 = 14

This means that for a given weight the volume of **eurocell**[®] will be 14 times greater than the volume of talc.

Similary, the costs for a given weight of **eurocell®** must be devided by 14 when comparing **eurocell**[®] with talc.

Some eurocell[®] factors

The following table shows the **Curocell**[®] factors for the most commonly used fillers.

Filler	Relative density g/cm ³	eurocell [®] factor
Talc	2.8	14.0
Limestone	2.7	13.5
Silica	2.6	13.0
Glass	2.6	13.0
Aluminium trihydrate	2.4	12.0
Resin	1.1	5.5



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