

Quartz dust



Many building materials contain quartz. Quartz dust is released when these materials are processed. And that poses a serious risk: persons who inhale the dust particles can develop dust lung disease and even lung cancer over time. This is what you need to know about quartz dust.

Risks of quartz

6.780

lung cancer deaths linked to quartz dust in the EU in 2010
(Source: EU/IOM)

70.000

Belgian employees with possible exposure to quartz dust
(Source: ACV)

BUILDING MATERIALS WITH QUARTZ

1. Quartz composite
2. Concrete
3. Brick

> 95% quartz
20 - 70% quartz
10 - 25% quartz

QUARTZ DUST RELEASE DURING TREATMENT

1. Sawing with a circular saw
2. Machine grinding, milling, polishing or sanding
3. Drilling

150 x limit value
150 x limit value
25 x limit value

(Limit value = 0,1 mg/m³)

Measures against quartz dust

