

CALCIFILL® RC PRODUCTS

Product Properties

CALCIFILL RC products are crystalline calcium carbonates in powder form based on natural recycled limestone, which was formed more than 300.000.000 years ago. **CALCIFILL RC** has grain size distribution and a grain structure optimised for flooring and lining. **CALCIFILL RC** enhances in customer formulations the technological properties, such as mechanical characteristics and the surface features of flooring material. **CALCIFILL RC** is used in wide spectrum of flooring systems.

SUSTAINABLE SINCE DEVONIAN AGE

Key Benefits at a glance

- Contributes to sustainable economy
- Avoids pre-consumer waste
- Reduces polymers rate in floorings
- Enhances mechanical properties
- Cuts material cost
- Improves CO₂ neutrality



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CALCIFILL® RC PRODUCTS

Introduction

Calcium carbonates have been established as industry minerals in the manufacture of floorings and carpet tiles not only to save cost, but also to add advantageous properties, such as collateral stiffness. **CALCIFILL RC** products are crystalline calcium carbonates based on a recycled limestone made from pre-consumer waste. Optimised and consistent particle size distributions help to improve the mechanical, rheological and aesthetical properties of finished products.

Chemical and Physical Data

Product	Sieve residue >90 µm [%]	Whiteness Ry	Spec. surface Blaine [m ² /g]	Moisture [%]	Bulk density (untamped) [g/ml]
CALCIFILL 200 E - RC	< 15	50	< 1	< 0.3	1.1
CALCIFILL 250 E - RC	< 5	50	< 1	< 0.2	1.0

Application examples

Carpet tiles:

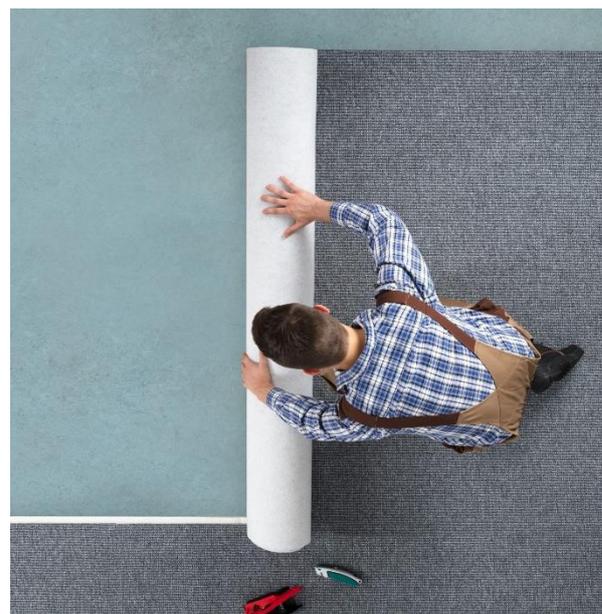
- Beneficial properties: lowering of production costs, optimized consistency

Vinyl floorings:

- Useful properties: cost reduction, weighting adjustment, stiffness correction
- High durability in combination with vinyl

Rubber floorings:

- Helpful properties: additional stiffness, improved abrasion resistance
- Optimization of rheological properties of rubber



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