BioKeram DECORATIVE

Adapted for wall and floor tiles – all sizes. We offer tailor made solutions depending on our customer's specific needs.



Which will allow you to achieve **considerable savings from operations,** e.g. € 150.000 savings in a 1.8 million m² production line with lower breakage rates - **increasing the quality of your tiles.**

3 REASONS TO USE BIOKERAM

- 1) Increase mechanical strength
- Keep your facilities cleaner due to lower stickiness and stronger cohesion
- Reduce breakage and rejection by increasing MOR

WHICH LEADS TO

Reduction of production cost
 Production of thinner tiles
 Replacement of expensive clay

ENEFITS

PRODUCT OPTIMISATION

To produce stronger tiles To increase density To produce larger tiles To produce thinner tiles

PROCESS OPTIMISATION

Increasing throughput and improving mould release

Reducing energy consumption and pressure required to achieve the same apparent density

Reduce breakage

Reducing the water requirement for granulation (dry process)



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MECHANICAL STRENGTH INCREASE WITH BIOKERAM

WALL TILE 30 kg/cm² without BioKeram 45 kg/cm² with 0,30% BioKeram dosage FLOOR TILE 40 kg/cm² without BioKeram 55 kg/cm² with 0,60% BioKeram dosage SLIM TILE 45 kg/cm² without BioKeram 80 kg/cm² with 1,00% BioKeram dosage BREAKAGE 2% without BioKeram 0-0,05% with BioKeram

CLAY REPLACEMENT /

Relative cost of clay share



PERFORMANCE OF BIOKERAM VS PCA MOR (KG/CM²)

