

Parquet-effect stoneware



We know the problems

- Strong stresses on flooring
- Bonding agents not suitable for non-absorbent materials
- Grouts with low mechanical resistance
- Screeds with insufficient compressive strength

And we can solve them

- Parquet-effect porcelain stoneware is often chosen in homes where aesthetic value is a priority
- Self-wetting adhesives must be used as these tiles are always large in size
- Grouts must be very fine, very resistant, easy to clean and guarantee the precise shade of the chosen colour
- The substrate must guarantee excellent mechanical performance



Project

- SCREED

Screed in cement-based mortar, minimum thickness 4 cm, produced with quick hydration and normal setting binder of type **KRONOS** by Technokolla and silica aggregates with continuous grain size from 0 to 8 mm, reinforced with synthetic fibres and/or wire netting.

The screed should have a resistance of 25 N/mm² after 28 days and allow for ceramic, marble and stone materials to be laid 24-48 hours after casting.

Screed reinforced with synthetic fibres and/or zinc-coated wire netting, 5x5 cm Ø 2 mm mesh placed at 1/3 of the screed thickness.

Dosage for 1 m³ of aggregates from 0 to 8 mm:

250 kg of **KRONOS**;

150 l of water;

1 kg of synthetic fibres.

- FLOORING

Flooring and skirting board in porcelain tile, laid on screed in **KRONOS** with highly flexible, high performance, self-wetting cement-based adhesive of type

AIR-ONE MC HD compliant with European standard **EN 12004 C2TE S1** and therefore suitable for the laying of porcelain tile. A grout line of at least 2-3 mm

sealed with low modulus cement-based grout of type **TECHNOCOLORS** by Technokolla, compliant with European standard **EN 13888 CG2 WA** or with low modulus epoxy grout of type **SKYCOLORS FINE** parquet-effect by Technokolla, compliant with European standard **EN 13888 RG**.

An expansion joint every 12 m² sealed with **ACESIL-310** by Technokolla, following the positioning of a cord.

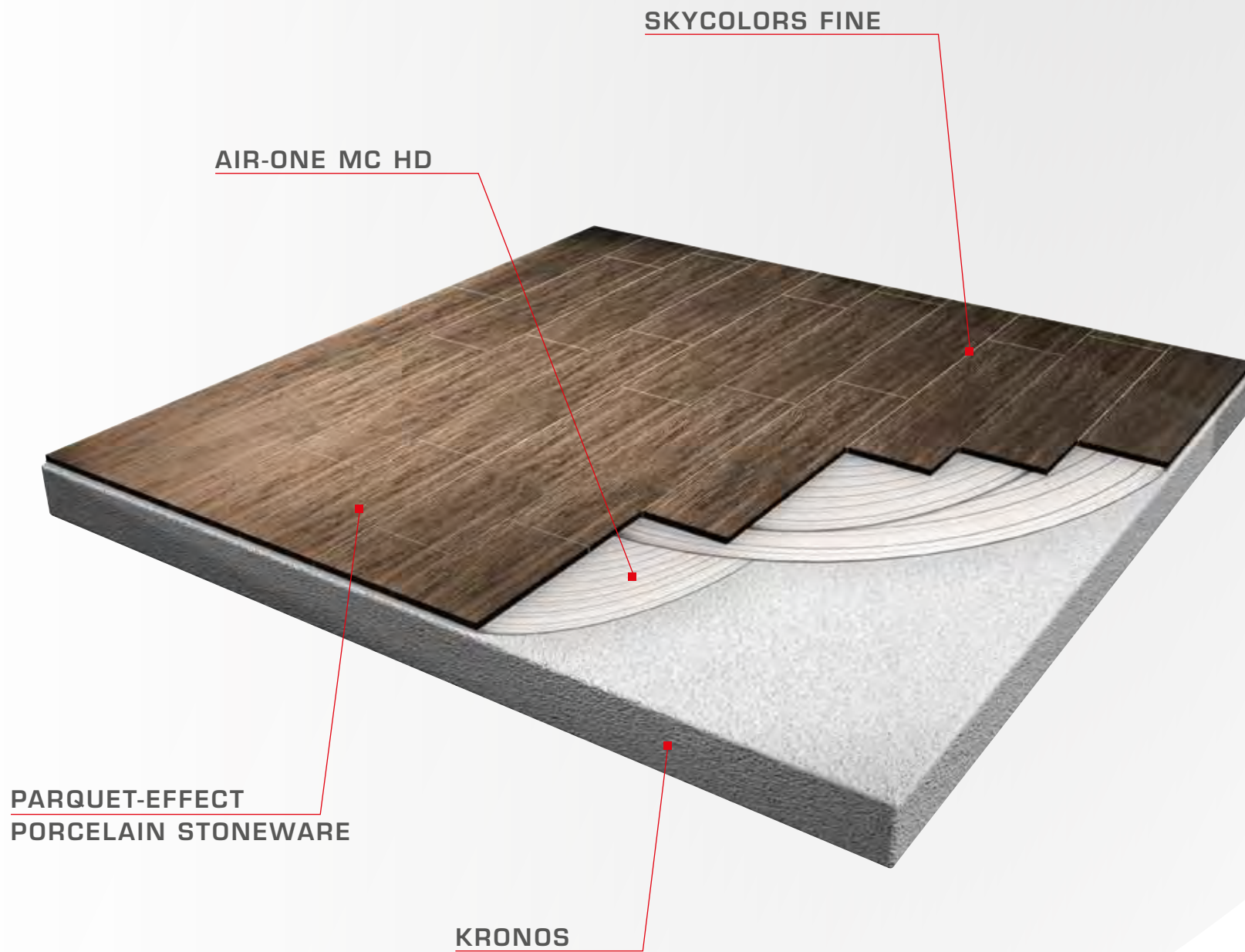
The correct procedure involves sealing with silicone before grouting with cement-based products.

Adhesive consumption:

AIR-ONE MC HD 2.5 kg/m²;

Grout consumption: 0.2 kg/m² (90x15 cm size, 2 mm grout line).

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spotlight product *(alternatives)*



screed

Kronos

The binder to be used in place of cement when making the screed. It ensures a compressive strength > 25 MPa. It features controlled shrinkage and laying can be started after 24 h.

It can be reinforced with synthetic fibres and/or electrowelded netting to further increase its compressive and flexural strength.



Air-One MC HD

Lightened multi-consistency cement-based adhesive with very low dust emissions for the laying of medium and large-sized porcelain tile, even with a single coat.

AIR-ONE MC HD conforms with cat. **C2TE S1** in accordance with **EN 12004**.



Technostar

A cement-based adhesive suitable for the laying of medium and large-sized porcelain tile. **TECHNOSTAR** is compliant with cat. **C2TE S1** in accordance with **EN 12004**.

It is a **LOW-VOC** product tested by **EUROFINS**.

spotlight product *(alternatives)*

groutings and sealants



Skycolors Fine

Anti-acid and anti-stain grout for filling grout lines from 0 to 3 mm across all spaces, including homes, kitchen tops, bathrooms, showers, swimming-pools, wellness areas, façades. Its colour range and fineness make it particularly suitable for the grouting of "parquet-effect" porcelain stoneware tiles.

SKYCOLORS FINE is compliant with **EN 13888** with category **RG**.



Technocolors

The revolutionary cement-based sealant for building. This new concept of grout stands out for its extraordinary velvety finish, exceptional gloss and high water repellency. Its extraordinary characteristics make it suitable for any type of ceramic, ideal also for heating screed and marble.

TECHNOCOLORS is compliant with European standard **EN 13888 CG2 WA**.

It is a **LOW-VOC** product tested by **EUROFINS**.

sealant



Acesil-310

The elastomeric silicone sealant for the filling of expansion joints.

The associated product is the cord to be positioned on the bottom of the joint before **ACESIL-310**.

The complete COLOUR RANGE of Technokolla grouts can be found in the cover appendix.

Technical drawings

