



Cement tiles Technical Sheet

1. DESCRIPTION DU PRODUIT

SUDDART tiles are entirely hand made following a traditional process. Color pigments are poured into antique brass molds. The mold is then removed before adding the second and third layers. Once removed from the mold, the tile is then dried for 28 days. The process is delicate and requires an extensive experience to guarantee a best product quality.

SUDDART cement tiles are made of high quality pigments and materials that make them eternally stunning. They could be used to cover walls and floors but are not recommended for exterior use. The thickness of SUDDART cement tiles makes them easy to match with wood floors, ceramic and stones, ect...

2. TECHNICAL INFORMATION

Cement tiles are not subject to any standard, usually required for industrial tiles. That said, SUDDART tiles have been going through a quality development process leading to the product characteristics as follow:

Shape	Square
Format	200x200mm
Thickness	13.2mm
Suggested joint for installation	2mm
Weight per piece	1.1 kg/ piece
Pieces per box	14 Piece per box
Weight per box	16kg
Quantity per container (20 pallets)	600m ²

Cement tiles are entirely hand made. That being said, minor irregularities in the pattern could be observed which makes hand made cement tiles look great and authentic.

	Standard	Average Value	International Standard	Results
Length and height	EN 13748-1 :2005 TM 5.2	200mm	+/- 0,3% max	Complying
Thickness	EN 13748-1 :2005 TM 5.2	13,2mm	+/-2mm max	Complying to TH1 class 1
Porosity	EN 13748-1 :2005 TM 5.8	3.5%	Max 8%	Complying
Resistance to flexion	EN 13748-1 :2005 TM 5.5	1,257KN	Classe 1 <2,5KN	Complying
Resistance to break	EN 13748-1 :2005 TM 5.5	9,42 MPa	5 MPa	Complying
Resistance to fire	90/603/CEE	A1-fl	A1-fl	Complying
Resistance to sliding	EN 13748-1 :2005 TM 5.7	USRV 23	USRV 23	Complying
Resistance to deep abrasion	EN 13748-1 :2005 TM 5.6	26 mm	Class1	Complying



INSTALLATION INSTRUCTIONS

- Prepare a clean, dry, firm, crack free and level support
- Apply a cement adhesive evenly and position the tiles by hand without hammering and without moistening the tiles while leaving a joint of 2mm
- In case of cement stain on the tile wipe quickly with a humid cloth
- Let the cement dry for 7 days before applying two crossed layers of pure SIKAGUARD sealer using a paint roller. Wait for almost an hour between the two layers application. The day after you can proceed with grouting
- Fill the joints using neutral colored cement grout then wipe a damp cloth over the tiles to even out the surface
- Don't grout more than 3 square meters at once to avoid grout to dry out.
- Do not sand SUDDART cement tiles.



