

SM QUARTZ®
CRITERIA FOR SLABS
 (NOT APPLICABLE TO WAVE AND METROPOLIS SERIES)

THICKNESS

Nominal Thickness	Tolerances
12 mm	not less than 10.5 mm and not more than 12.5 mm
20 mm	not less than 18.5 mm and not more than 20.5 mm
30 mm	not less than 28.5 mm and not more than 30.5 mm

The thickness shall result from an analysis which takes into account the whole size of the slab. The nominal thickness shall be the average result of 3 measurements taken at 50, 150 and 250 cm (20", 60" and 80") on the long edge of the slab.

DIMENSIONS

For slabs 3050 x 1400 mm

Dimension	Minimum dimension
Length	not less than 3050 mm (120")
Width	not less than 1400 mm (55")

For slabs 3200 x 1550 mm

Dimension	Minimum dimension
Length	not less than 3200 mm (126")
Width	not less than 1550 mm (61")

FLATNESS

The deviation from flatness of the surface shall not exceed 4 mm over the slab length and shall not exceed 2 mm over the slab width.

Flatness shall be measured in the middle of the slab, horizontally laying, using the full length and width (not the diagonals).

REQUIREMENTS FOR UNEXPOSED SURFACE

The calibrated unexposed surface shall have a regular appearance. The roughness shall not exceed 0,5 mm. Small cracks or cuts are permitted within 10 cm from the sides of the slabs.

REQUIREMENTS FOR FINISHED SURFACE

Surfaces shall have a regular appearance as a function of the finishing process, and can not have the following defects:

- No foreign materials (materials that are not part of the formula, i.e. rubber, metal, wood etc.)
- No residual color/particulate from previous color run.
- No pits, scratches, voids, etc.
- No pigments spots larger than 5 mm (only for monocoloured materials)
- No dull areas (for polished surfaces).

The gloss value for polished surface is not less than 50 measured with Gloss Meter (60° measure).

The products containing mirror, glass or mother of pearl can have small defects as small cracks or holes due to the fragility of the raw materials and thus have to be considered characteristics of this products.

COLOR VARIATION

Color consistency is one of the advantages of SM QUARTZ® . The mixture of color is always carefully controlled and monitored to maintain the highest level of consistency. Although careful steps are taken to insure a high level of color consistency, slight color variations can still occur. This must always be considered and verified before fabricating or installing any SM QUARTZ® material.

The quartz used is a natural raw material and even if carefully selected, time to time may show slight differences in color and transparency.

Santa Margherita S.p.A. will not honor any claim of color variation once tiles have been installed or slabs have been cut or modified from their original condition in any way.