

PLANAR

IT • EN

QUALITY
CONTROL
DEVICE



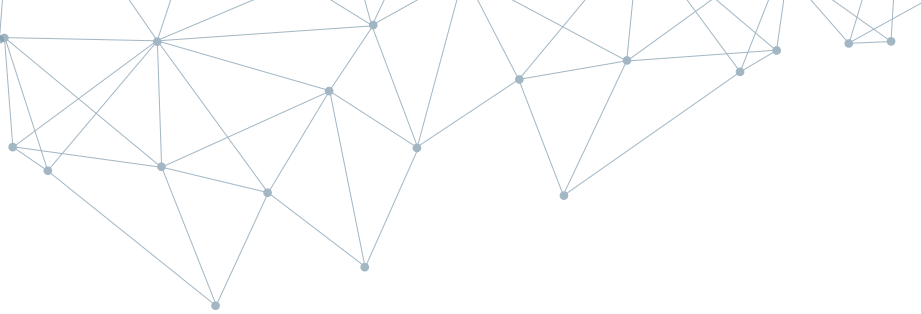
Planar è uno **strumento di rilevamento dei difetti di curvatura delle piastrelle ceramiche.**

Il sistema è costituito da un'unità di acquisizione e da un'unità di elaborazione dati che assegna la piastrella ad una determinata classe di appartenenza.

Planar is a tool for detecting defects in the curvature of ceramic tiles.

The device is composed of a unit for the acquisition and a unit for the analysis of data, with the aim of assigning the tile a certain class of membership.









Planar legge il materiale di qualsiasi formato tramite sensori ottici, **senza nessun contatto con la superficie.**

Si misurano i punti della superficie per creare una matrice.

Si confrontano i parametri e si classifica la piastrella.

Si tara il sistema con una piastra campione garantendo precisione al decimo di millimetro.

Planar è:

- integrabile con tutte le altre apparecchiature;
- utilizzabile su qualsiasi larghezza della piastrella.

Planar reads material of any format by means of optical sensors, **without any contact with the surface.**

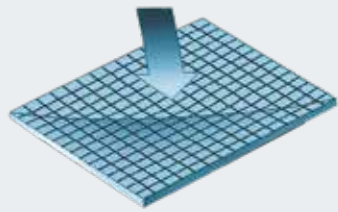
Points on the surface are measured to create a matrix.

Parameters are compared and the tile is classified.

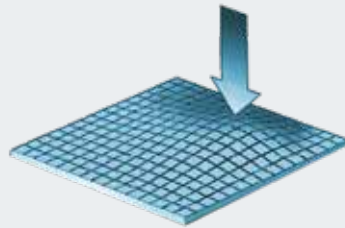
The system is calibrated using a model tile as a benchmark, guaranteeing precision up to a tenth of a millimeter.

Planar can be:

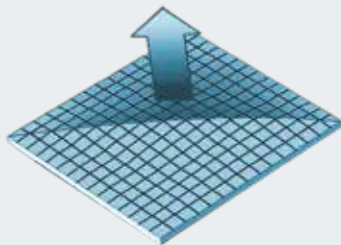
- integrated with all the other equipment;
- used on any width of tile.



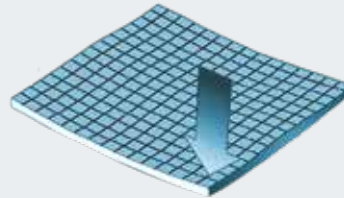
**CONCAVITÀ
DIAGONALE**
DIAGONAL
CONCAVITY



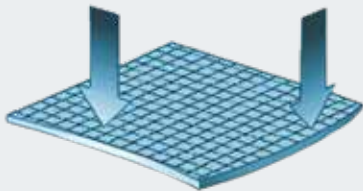
DIFETTO LOCALE
LOCAL DEFECT



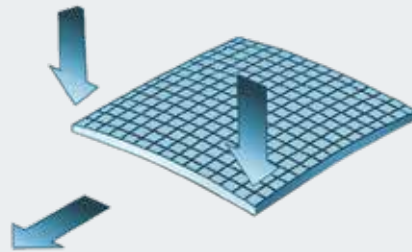
**CONVESSITÀ
DIAGONALE**
DIAGONAL
CONVEXITY



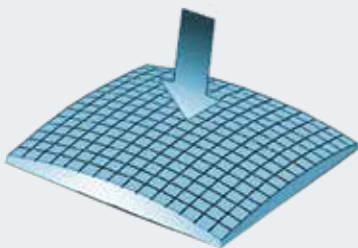
SPIGOLI ALTI
HIGH EDGES



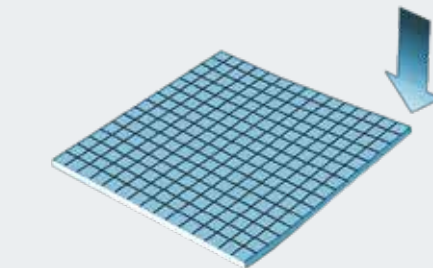
SCOSTAMENTO
DEVIATION



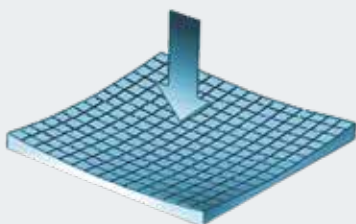
SPIGOLI BASSI
LOW EDGES



CONVESSITÀ X/Y
X/Y CONVEXITY



EFFETTO VELA
CONVEX EFFECT



CONCAVITÀ X/Y
X/Y CONCAVITY





PLANAR

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