

The tailored solution for
laminate-flooring manufacturers

BEVELchecker



Overspray
test field

BEVELchecker for chamfer testing on laminate planks.
Testing of both painted and foil-coated planks is possible.

Test points for the paint coating:

- Colour deviations
- Non-painted areas – with adjustable tolerance values
- Testing is performed after the drying

Test points for the foil coating:

- Testing for partial or complete foil drop-out
- Foil projection into the decor surface
- Testing of shock / push in longitudinal / transverse foil application

Perfect monitoring of the paint or foil coating in the laminate plank phase

The laminate flooring's V-joints are a further step towards making laminate floorings look even more like real wood and lends them a high-appearance that is increasingly appreciated by customers.

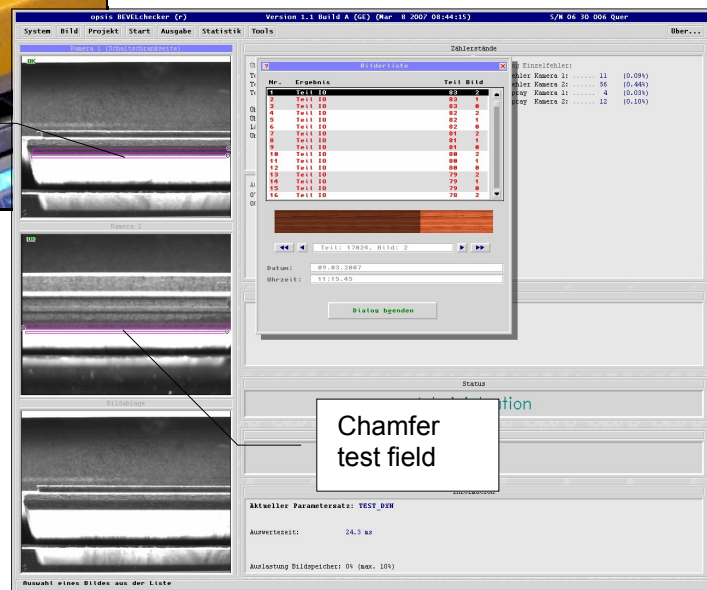
But this technique is a further manufacturing step that needs to be incorporate in the production process which is nearly impossible for human operators to supervise in view of production flow speeds of up to 200 m per minute and more.

The new BEVELchecker is the perfect instrument for the quality assurance of the paint coating / foil coating of the V-joint / chamfer.

2 high-speed cameras for each feed direction (longitudinal feed with up to 300 m / min. and transversal feed) monitor the continuous paint and foil application.

Testing will be done after the drying, so that paint defects can be detected precisely as the consumer would see them.

Even the most minute paint drop-outs are be detected and marked with an identifying system. In the event of a fatal breakdown of the painting system, the plant can be stopped automatically to prevent the production of serial defects.



Chamfer
test field

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