Softwood reinforcement with PUR 555.6

KLEIBERIT PUR 555.6 nano is a low viscosity surface treatment material with excellent properties for the strengthening of softwood.

Through its very good penetration performance, softwood can be deeply reinforced.

Fields of application
- Window and door industry
- Facade panels
- Interior room doors
- Exterior siding
- Balcony elements
- Frame houses

KLEIBERIT PUR 555.6
Trendsetter in the woodworking industry – for interior and exterior

External long-term weathering test
In a long-term outdoor weathering test conducted by KLEIBERIT excellent results were achieved.

5 year exposure to extreme exterior climate

Without and with KLEIBERIT PUR 555.6

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Advantages

- The entire processing in one step.
- Easy processing by immersion in a basin.
- Adhesive deeply penetrates the wood by means of the low-molecular structure. Drying possible while standing or hanging. Dry pieces do not stick together when touched.
- Easy subsequent processing sanding and final surface treatment
- Good compatibility with surface systems on the market.
- 100% solid content
- No VOC exposure through solvents
- Used windows can be recycled as residential waste.

Extensive Tests Stand for the Quality of the Product

- Deep impregnation through optimized penetration performance
- Chemical cross linking of the wood through the bonding of the OH groups to the cell walls.
- Flexible structure after cross linking
- Minimisation of swelling and shrinking properties.
- Increases surface hardness of softwood (water repellent and stabilized dimensions)
- KLEIBERIT PUR 555.6 nano is a universal

Repairing Cracked Wood

A mixture of KLEIBERIT PUR 555.6 nano and wood flour can be used as joint putty.

Advantages:
- High weather resistance
- Very good flexibility
- Chemical cross linking on the wood structure.