



Softwood reinforcement with PUR 555.6



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

Delamination and decay because untreated

Longterm Durability due to PUR 555.6

Without and with KLEIBERIT PUR 555.6



KLEIBERIT PUR 555.6

Trendsetter in the woodworking industry – for interior and exterior

ADHESIVES

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

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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



Continuous impregnation individual window components



Immerse manufactured window frames in a basin

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.

