

*ebalta PUR Cast Resin Systems.
Flush-Mounted Elegance.*

Solution Takes Shape



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ebalta PUR cast resin systems for flush installations. Individually formulated for your manufacturing processes.

Polyurethane cast resin system 500 Series

Viscosity at 25°C [mPas]	50-1000
Density at 20°C [g/cm ³]	1.1-1.8
Pot life 120g/20°C [min.]	3.5-9
Curing time [min.]	10-30

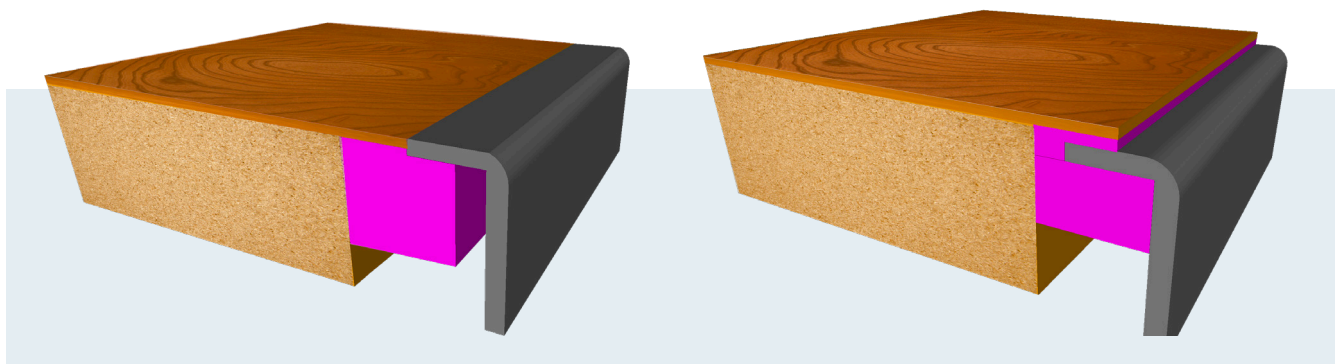
Physical data

Flexural strength [MPa]	35-57
Flexural elongation at break [%]	0.8-7.5
Flexural modulus [MPa]	1500-5500
Impact resistance (Charpy) [kJ/m ²]	2,5-24
Compressive strength [MPa]	45-65
Heat resistance (HDT) [°C]	86-99
Shore hardness [Shore D]	72-85

ebalta will work with you and your customers to modify the PUR 500 material making it suitable for the flush installation of kitchen sinks and hobs.

Parameters, such as viscosity, pot life and curing time, can be customised to your suit your manufacturing process and adapted to give you the optimal results.

The cast resin systems of the PUR 500 Series are suitable for both hand and machine potting.



Built-in components with cast resin frames and potting on the underside with material from the 500 series.

*ebalta Kunststoff GmbH has been a manufacturer of polyurethane and epoxy resins for over 40 years
Our polyurethane cast resin systems have been used in kitchen construction for more than 10 years.*

Please feel free to contact us or our international distributors worldwide.

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