



Liquid synthetic systems
for the waterproofing of buildings

WIDOPERL

Polymer light screed



A rapid, light polymer screed
and levelling compound for
balconies, terraces and flat roofs

Thermally insulating, solvent-free, cement-free, water-free, light.



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Recommended mixing ratio

Load Group III

for normal and heavily loaded balconies and terraces with additional surface waterproofing. 20 litres WIDOPERL and 10 kg binder.

Bulk density

300 kg/m³ +/- 10%

Grain size

0.25 – 0.5 mm

Thermal conductivity (λR)

0.07 W/(mk)

The load groups have been checked without any additional pressure distribution measures by an independent body.

Over 30 years of success in new build, renovation and repair

WIDOPERL Polymer light screed and levelling fill

The WIDOPERL system is a rapid curing, quickly walkable levelling and filling compound for all inclined and uneven substrates for use in internal and external areas. Thanks to its low weight, this system can also be used on structural components which may be problematical from a static point of view.

The WIDOPERL system consists of foamed recycled expanded glass and a one-component, solvent-free WIDOPAN binding agent. The ingredients are carefully mixed and laid between setting jigs, either horizontally or on a gradient. The mixture for load Group III has a compressive strength of 3.1 N/mm².

For outdoor applications the WIDOPERL system is particularly well suited as a gradient filler for balconies, terraces, arbours and pergolas and for flat roofs. Thanks to the rapid curing process, a walkable wearing course is obtained the same day, which can be made completely flat and which, if applied as a thin layer, can be "smoothed out to nothing". Footfall and impact noise are reduced and thermal insulating properties increased.

The screed made with WIDOPERL is five time lighter than a conventional cement screed.



Flüssigkunststoffe für Sanierung und Neubau

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Liquid synthetics for renovation and new build

Joint sealing
Flat roofs
Balconies
Terraces
Arbours
Car park floors
Detail transitions