

Primer PU100

Monocomponent fast dry polyurethane Primer

Moisture cure, fast dry, solvent-free PU resin. It allows the floor laying after one hour. Primer PU100 is suitable for dusty, poor concrete subfloors or to water-proof subfloors with R.H. up to 5%, without vapour barrier or containing very absorbing expanded materials. You can use it also for under heating. It is not suitable for subfloors with continuous rising damp.

Technical features 20 °C, 60 R.H.

| | |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Aspect | Brown liquid |
| Density | 1,170 kg/l |
| Viscosity | 220 mPas |
| Overcoating | Min 1 hour, max 24 hours |
| Wood floor laying | Min 1 hour, max 24 hours |
| Full hardening | 24 hours |
| Yield | 100 – 150 g/m ² as a superficial consolidating product 250 – 400 g/m ² as a waterproofing product (two coats) |
| Application temperature | > 10 °C – Frost sensitive |
| Storage | 12 months in original, unopened package at a > 10 °C temperature |
| VOC | 0 g/litre |
| Tools cleaning | just after use, with Solvente di Lavaggio S23 |
| Available package | 6 kg and 12 kg tanks |

Subfloor preparation

The subfloor has to be absorbent, clean and grease-free. Primer PU100 can be applied on screeds with R.H. till 5% measured with a carbide hygrometer. Primer PU100 cannot be applied on wet surfaces or with continuous rising damp; in those cases please use Idroblok C3 as described in its technical data sheet. Cracks and fissures have to be sealed with a synthetic mortar composed by Adeblok T 19 and dry sand; in case of very thin fissures (max 1-2 mm) you can also make a mortar with Primer PU100 and dry sand, with an indicative proportion of 1 part of Primer PU100 and 5 – 6 parts of dry sand. It is possible to use Primer PU100 to consolidate heated subfloors, provided they are dry and without rising damp.

Primer PU100 is suitable for consolidating anhydrite and plate subfloors, but they have to be dry (humidity < 0,5%).

The product is not suitable to waterproof non-absorbent floors such as ceramic tiles, marble, enamelled or glass surfaces: in that case apply Idroblok C3 before.

Application

Consolidating purpose: apply with a roller a uniform coat of Primer PU100. In case of very porous and absorbent subfloors you may need a second coat. In order to help the penetration, the product can be diluted with max 5% of Diluente P/100: you cannot dilute in case of under heating systems. You have to lay the wood floor within 24 hours from the application of the last coat of Primer PU100, if you need a longer time, you have to spread on the floor just treated with Primer PU100 our product Quarzo Puro (dry sand). After hardening, remove the quartz excess.

Water-proofing (DPM) purpose: apply with a roller or a brush two coats of PU100 with 1 hour at least between them (within max 24 hours). It is possible to make an efficient damp barrier on compact and absorbent subfloors, also with a single coat of PU100, provided you apply the product uniformly on the whole surface; possible untreated areas, even the smallest ones, can compromise the treatment efficiency.



Primers &
Sub-floors

Primer PU 100



Certifications



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In case of doubts please apply two coats. We suggest to apply a coat of Primer PU100 also on the side walls for a height of 5-6 cm. In case of water-proofing operation, do not dilute the product.

You have to lay the wood floor within 24 hours from the application of the last coat of Primer PU100, if you need a longer time, you have to spread on the floor just treated with Primer PU100 our product Quarzo Puro (dry sand). After hardening, remove the quartz excess.

Wood floor laying: you have to lay the wood floor within 24 hours from the last coat with polyurethane, epoxy-polyurethane or MS adhesives. If you need to lay your wood floor later than 24 hours, you need to sand the surface as described before. In the case of MS adhesives, the sanding is always necessary.

It is not possible to use adhesives in water dispersion or solvent-base synthetic adhesives.

Notes

If you dilute with Diluente P/100 you may smell a light odour.

Low temperatures and/or very dry environment may cause a longer drying time.

We suggest not to use the product with temperatures lower than + 10°C or with air humidity lower than 40%.

Primer PU100 is not suitable to waterproof subfloors against rising damp.

We always recommend to sand.

Primer PU100 cannot be used to block creaking wood floors. Use Restauro or Primer PU-Fix 60 as described in their technical data sheets.

Close carefully the containers after use and do not pour the unused product into the tank again.

Safety rules

Product for professional use only. Strictly respect the information expressed on the label and consult the safety data sheet before using the product.

Disposal

Dispose the unused product and empty packages in accordance with the local legislation in force.



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The information contained in this technical data sheet are for guidance only and they do not hold our responsibility. Adapt the use of our products to the environmental conditions and materials to be treated.
Rev 08 – 30/08/2019
Current Technical Data Sheet replaces the previous one.