

# UNISIL Outdoor PU

**Single-component polyurethanic adhesive with high thixotropy and elasticity for wooden floors**



## Description

UNISIL Outdoor PU is single-component hydro-curing polyurethanic adhesive with high thixotropy and elasticity. UNISIL Outdoor PU contains anti-ageing additives and it has very good sound insulating properties. **Destinations:** Indicated for the gluing of outdoor and indoor wooden floors onto cement and not-absorbent subfloors (tiles, ceramic, marble, etc).

## Characteristics

Mixture ratio	single-component
Colour	black
Application temperature	+15°C ÷ +25°C
Application	notched trowel n°5
Maximum open time	45' <sup>(1)</sup>
Hardening	36-48 h <sup>(1)</sup>
Shore A hardness test	40
Coverage	1300-1500 g/m <sup>2</sup> depending on the subfloor
Storage stability	12 months <sup>(2)</sup>
Packaging	600 ml
Tool cleaning	DILUENTE ACETONE - DILUENTE DMC 50 (before the hardening of the adhesive)

1 at 20°C and 65% R.H.

2 in original sealed containers at temperatures between +10°C and +25°C

## Laying conditions

### Subfloor

dry, clean, no-dust creating, not too rough. The floors must also have a minimum slope towards the points of collection of rainwater, in order to avoid water stagnation.

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## Other uses

Gluing of wood on outdoor mineral surfaces.

## How to use

It is essential to make sure that there is no rising damp from the subfloor. Clean the surface eliminating any trace of oils, waxes and paint spots.

Apply UNISIL Outdoor PU with a notched trowel uniformly on clean subfloor embodying possible dust presence on it, paying attention at the open time, around 45 minutes.

In presence of dust-creating and dry subfloors, apply one coat of PRYMER SF 1105 (see technical data sheet), then proceed with UNISIL Outdoor PU application.

Not-absorbent or poorly absorbent subfloors (tiles, marble, ceramics ect) have to be degreased and cleaned with DILUENTE

ACETONE (see technical data sheet), removing any trace of dust, glue and wax.

Apply by cloth the adhesion promoter, DILUENTE APA (see technical data sheet), then apply UNISIL Outdoor PU.

Perfect adhesion to the subfloor is ensured if at least 90% of each wooden component is in direct contact with the adhesive.

The caulking has to be done after 72 hours using ELASTOXYL (see technical data sheet).

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## Warnings

- \* The subfloor should have a temperature of at least +12°C / +15°C.
- \* Never dilute the adhesive.
- \* Do not walk on the wooden floor for at least 24-36 hours after laying.
- \* The gluing on bituminous surfaces is not advised.
- \* Do not use for gluing plastic material such as PP, PE and PTFE.

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## Label elements

· For more information about the safe use of the product it is recommended to consult the latest version of the Safety Data Sheet.

## Web link

Be sure to have the latest version of this technical data sheet downloadable also from the following link:



[http://www.chimiver.com/tds/EN\\_UNISIL\\_Outdoor\\_PU.pdf](http://www.chimiver.com/tds/EN_UNISIL_Outdoor_PU.pdf)

These information are given from the best of our knowledge and technical experience. They are of general character and not binding in any way our company. Every single case should be put to a practical test by the user who assumes the full responsibility of the final result of his work.