

# Adeblok T19

Odourless two-component waterproofing consolidating primer



Primers &  
Sub-floors

Two-component, odourless epoxy primer, solvent and water free, to be used for the insulation and waterproofing of absorbent substrates before laying wooden or other moisture-sensitive floors. Also suitable to consolidate and dustproof in view concrete floors. Indoors use only.

Mixed with fine sand (0.3-0.5 mm) it allows the formation of synthetic mortars for grouting and repairing subfloors or other concrete elements and it can be used to fill the channels of underfloor heating/cooling systems. Also suitable for waterproofing ceramic floors. It can also be used as consolidating on heating or cooling floors.

## Technical data at 20 °C – 60% r.h.

Appearance	Comp. A – transparent liquid Comp. B – brown liquid
Mixing ratio	2:1 by weight
Mixture pot-life	30 minutes
Touch dry in a thin layer	15 hours
Overcoatable	Min 15 hours
Complete hardening	7 days
Yield	3 – 6 m <sup>2</sup> /kg corresponding to 170 – 330 g/m <sup>2</sup>
Tool cleaning	Immediately after use with Solvente di Lavaggio S/23
VOC	0 g/litre
Storage	12 months in original sealed packaging
Packaging available	5 + 2.5 litre cans

## Subfloor preparation

Concrete subfloors must be absorbent, clean, free of grease or inconsistent parts. Adeblok T19 can be applied on concrete screeds with residual humidity up to 5% (measured by carbide hygrometer). Adeblok T19 cannot be applied on wet surfaces or in the presence of rising damp: in those cases, use Idroblok C3 as described in the relative technical data sheet. Any cracks and crevices must be opened and then sealed with a synthetic mortar composed of Adeblok T19 and dry sand, indicatively 1 part of Adeblok T19 and 5 – 6 parts of dry sand.

Adeblok T19 can be used to consolidate heating and cooling subfloors as long as they are dry and not subject to rising damp.

Adeblok T19 is suitable for the superficial consolidation of anhydrite and concrete slab subfloors, but they must be dry (humidity < 0.5%).

Ceramic subfloors must be clean and free of fatty oils or other release agents, the tiles must be well adherent to the subfloor.

## Application

Mix the two components in the exact use ratio (mechanical mixing with low speed electric drill is recommended) and wait 5 minutes to allow the product to pre-react. Do not excessively prolong the mechanical mixing to avoid heating the product and therefore shortening the pot-life.

**Use of Adeblok T19 as a consolidating product:** apply a uniform coat of Adeblok T19 with a roller or brush. In the case of very porous and absorbent subfloors, it may be necessary to apply a second coat.

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To facilitate penetration, the product can be diluted with 10% max of P.E.P.P. or Solvente di Lavaggio S/23, dilution is not allowed in the case of heated / cooling subfloors. If necessary, a second coat can be applied after at least 15 hours. Wooden floor laying must be carried out within 48 hours from the application of the last coat, if it is expected to exceed this time gap, abundantly sprinkle the still fresh surface with Quarzo Puro quartz. After hardening, remove the exceeding quartz before starting laying.

**Use of Adeblok T19 as waterproofing product:** apply two coats with a roller or brush at least 15 hours apart (within max 48 hours). We recommend applying a coat of Adeblok T19 also on the perimeter walls for a height of 5 – 6 cm.

In the case of waterproofing action, do not dilute the product. The wooden floor laying must be carried out within 48 hours from the application of the last coat, if you plan to exceed this time interval, abundantly sprinkle the still fresh surface with Quarzo Puro quartz. After hardening, remove the exceeding quartz. Remember that it is not possible to waterproof heating subfloors that have a moisture content higher than that allowed for laying the chosen flooring. Heated subfloors must be dry before applying Adeblok T19, in this case you can use it only as a consolidating agent.

Adeblok T19 can also be applied in a single coat, respecting the indicated consumption – 170-330 g/m<sup>2</sup> – in this case, however, great care must be taken to apply the product continuously and uniformly. The two-coat application gives greater guarantees especially in the case of waterproofing.

**Use of Adeblok T19 as a waterproofing product for ceramic floors.** Thoroughly clean the floor with a suitable detergent, for example NettareDue diluted 1/20, to eliminate any trace of dirt and greasy substances, rinse well with clean water and after drying apply a coat of Adeblok T19 taking care to fill well the joints between the tiles. If possible, after washing, we recommend making the surface rough with a suitable abrasive.

**Preparation of synthetic mortars and fillers for the channels of heating / cooling floors:** Mix the two components as previously described and add dry sand always mixing mechanically. Approximately 6 parts by weight of dry sand are required for one part of Adeblok T19. To enhance adhesion on dusty surfaces, we recommend to apply a coat of pure product as a primer (possibly diluted with Solvente di Lavaggio S/23 or P.E.P.P.) and then apply the mortar on the primer while it is still fresh. With this compound it is possible to fill the channels of underfloor heating / cooling systems: after laying the pipes, fill the channels with a spatula and smooth the floor. With this operation, we do not recommend any type of dilution.

## Notes

The mixed product has a relatively short pot-life, about 30 minutes, after which the temperature of the mixture increases rapidly and leads to the gelling of the product. During this process the temperature can reach 70 – 80 °C. Pay attention!

To prepare synthetic mortars, we recommend using the driest sand possible.

At temperatures below + 15 °C the hardening times are considerably longer.

It is recommended not to use the product at temperatures below + 10 °C.

## Safety regulations

PRODUCT FOR PROFESSIONAL USE. Strictly comply with what is stated on the labelling and consult the safety data sheet before using the product.

## Disposal

Dispose of the unused product and empty packaging in accordance with the provisions of the local legislation in force.



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The recommendations in this technical data sheet are given for information only and do not bind our responsibility in any way since the methods and conditions of use of the product are beyond our control. We recommend checking the actual suitability for the intended use.

Rev 13 – 12/03/2024. This technical data sheet replaces the previous one.