

Idroblok 2K

Water-based epoxy primer



Primers &
subfloors

Two-component epoxy primer in water dispersion for the consolidation and waterproofing of cement-based subfloors, also suitable as an anti-dust treatment on anhydrite substrates. Idroblok 2K can be used to isolate the residues of old resilient floor glues before laying a new flooring and can also be used as an insulator on bituminous subfloors. Suitable for heated subfloors. It cannot be used on subfloors subject to continuous rising damp.

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Technical data at 20 °C, 60% r.h.

Appearance	Component A – White liquid Component B – Transparent slightly yellow liquid
Mixing ratio	1:1
Mix density	1.050 kg/litre
Mix viscosity	600 mPas
Pot-life	1 hour 30 min
Possible dilution	10 – 20% water
Touch dry	8 – 10 hours
Overcoating	Min 8, max 48 hours
Parquet bonding	Min 8, max 48 hours
Complete curing	7 days
Consumption	150 – 300 g/m ²
Application temperature	> 10 °C – Frost sensitive
Storage	12 months in sealed packages at temperatures >10 °C
VOC content	0 g/litre
Tool cleaning	Immediately after use with water
Packaging	5 + 5 kg plastic cans

Subfloor preparation

The substrates must be absorbent, clean, free of grease or loose parts. Idroblok 2K can be applied on cementitious screeds with residual humidity up to 5% (carbide hygrometer), it cannot be used in the presence of continuous rising damp in these cases use Idroblok C3 as described in the relative technical data sheet. Eventual cracks and fissures must be opened and then sealed with a synthetic mortar composed of Adeblok T 19 and dry sand, approximately 1 part Adeblok T19 and 5 – 6 parts of dry sand.

Idroblok 2K is suitable for consolidating anhydrite substrates and slab substrates, these substrates must be dry (humidity <0.5%), anhydrite substrates must be sanded beforehand.

TOVER[®]



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Application

Shake the two individual components well before use then mix in the exact use ratio (1:1)

Consolidating agent: apply a uniform coat of Idroblok 2K by roller or brush, if necessary dilute with 10 – 20% of water. In the case of very porous and absorbent substrates it may be necessary to apply a second coat. The laying of the parquet 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 our Quarzo Puro. After hardening, remove the exceeding quartz.

Water-proofing: apply by brush or roller two coats of the product at a distance of at least 8 hours of each other (within 48 hours max). We recommend applying a coat of Idroblok 2K also on the perimeter walls for a height of 5 – 6 cm. The parquet must be laid within 48 hours from the application of the last coat with reactive, epoxy-polyurethane, polyurethane or silane adhesives, if you expect to exceed this time interval, sprinkle the still fresh surface abundantly with our quartz. After hardening, remove the excess 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 Idroblok 2K, in this case considered only as a consolidating agent.

Insulation for residues of resilient glues: remove as much as possible the residues of old glues in order to leave a layer as thin and well anchored as possible. Apply a coat of Idroblok 2K diluted with 10 – 20% water. For the purposes of laying another resilient floor, the surface treated in this way is to be considered non-absorbent.

Attention, use the mixture within the stated use time of 1 hour and 30 minutes. The product remains liquid for longer, but progressively loses its consolidating and waterproofing characteristics.

Note

Protect from frost!

Shake the individual containers well before mixing, in case of prolonged storage there may be a separation of transparent liquid on the surface, it is sufficient to shake the tank to bring the product back to its original condition.

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

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

Idroblok 2K is not suitable for waterproofing against continuous rising moisture.

It is always advisable to sand the last coat.

After the use close well the containers and not put back into the tank the product withdrawn and not used.

Safety rules

PRODUCT FOR PROFESSIONAL USE. Adhere strictly as expressed in labelling and consult the card data of safety first of the ' use of the product.

Disposal

Dispose not used products and empty containers in accordance to local in force regulations.



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The advice in this technical bulletin is given for information only and does not engage our responsibility in any way since the methods and conditions of use of the product are beyond our control. We recommend verifying the actual suitability for the intended use.

Rev 03 – 17/09/2021. This sheet cancels and replaces the previous one.

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