



DRY·HOLZ

**PERSPIRANT ADDITIVE
FOR UNDERFLOOR HEATING**

DRY·HOLZ Perspirant additive for underfloor heating				
PRODUCT	Liquid additive able to reduce the water-cement ratio. It is specially developed for the production of sand-cement screeds. It is suitable for the application of wooden and linoleum floorings and all those types of floors that need the right level of relative humidity within the curing time of the binders.			
PACKAGING AND STORAGE	<ul style="list-style-type: none"> · Buckets of 5 L and 20 L. · Store in the original packaging and in a safe place. Use it within 12 months. DRY·HOLZ will not freeze but tends to thicken at low temperatures. Raise the temperature to +18 - +20 °C to obtain the proper consistency of the product. 			
CONSUMPTION	5 L of DRY·HOLZ are used for 1 m ³ of mortar.			
	Screed thickness	5 cm	6 cm	7 cm
	Incidence per m² of DRY·HOLZ	0,25 L	0,30 L	0,35 L
FIELDS OF APPLICATION	DRY·HOLZ is an additive to be added to the cementitious screed mortar, used as: <ul style="list-style-type: none"> · base screed for internal wooden and linoleum floors; · base screed for internal and external ceramic, cotto tiles and natural stone flooring; · on underfloor heating (e.g. radiant heating). 			
ADVANTAGES	<ul style="list-style-type: none"> · Reliable application time for the laying of wooden floorings. · The addition of DRY·HOLZ allows to realize screeds (thickness 4,0 cm) that leak the residual humidity very quickly. After the additive's curing period (28 days for traditional cement), the final humidity will be less heavy than 2,5% so the screed may be applied on any type of floor. · Easy to use, DRY·HOLZ does not affect the mixing methods and the screed application. · DRY·HOLZ, thanks to its characteristics, improves the heating action of the coils underneath the floor, increasing energy savings and enhancing living comfort. · It is ecological, with no environmental impact. 			
APPLICATION	<p>Preparation of the application surface:</p> <ul style="list-style-type: none"> · The surface must be free of debris, dust, grease and oils. · No stagnant water and/or rising damp. The surface must be solid and dry. If not, a steam barrier must be applied and then reinforced. · DRY·HOLZ does not affect the mechanical characteristics of the binders. Therefore the thickness and dosage are calculated according to the manufacturer's prescriptions and based on the skills and at discretion of the applicator. <p>Preparation of the mix:</p> <ul style="list-style-type: none"> · Prepare the cementitious screed mortar for base screeds according to the normal standard of use (also with automatic mobile equipment) using the usual sand-cement dosage. · Accurately select an aggregate with grain-size between 0,5 and 1,0 mm. · Add 5 L of DRY·HOLZ every m³ to the mix. · Reduce the overall water dosage of the mix by 40%, considering the moisture content of the aggregate used. If a greater amount of water is used, more time will be necessary to complete the drying phase. · Mechanically mix for 4 minutes. 			



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APPLICATION	<p>Application and curing:</p> <ul style="list-style-type: none"> · Lay and smooth the screed following the traditional methods, paying attention to the mix consistency, which could appear drier despite being correctly mixed. · Avoid helicopter smoothing and surface beating that could prevent a correct drying of the screed. · Carefully compact the entire thickness of the screed. · DRY-HOLZ will not affect the useful life of the mixture. · Do not wet the screed and protect it against weather conditions. · Ceramic tiles can be laid after 7 days. · Wood and linoleum floors, etc. can be laid after 28 days.
MIXING ORDER	<ol style="list-style-type: none"> 1. DRY-HOLZ. 2. Water. 3. Aggregate materials. 4. Cement.
WARNINGS	<ul style="list-style-type: none"> · Apply at temperatures between +5 °C and +35 °C. · The moisture level of the screed treated with DRY-HOLZ should be measured using the carbide method only. The laying time is calculated at + 20 °C but it will take longer at lower temperatures.

All the indications provided in this technical data sheet are purely approximate and not binding for legal purpose. The data listed has been gathered from laboratory tests and it hence follows that in practical applications on building sites the final characteristics of the products may be subject to substantial variations depending on the meteorological conditions and the installation. The user must always check suitability of the product for its specific use, undertaking all liability implicit in and deriving from use of the product, as well as comply with all methods and instructions for use generally referable to "workmanlike" execution. Edilteco S.p.A. reserves the right to change the contents of this mechanical data sheet on its final judgements. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.



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