

EP Clear Top

PRODUCT DESCRIPTION	2K transparent epoxy resin, solvent-free.						
PURPOSE	Transparent top-coat as a decorative finish in flooring systems for obtaining different decorative effects and surface-strengthening of the system.						
PROPERTIES	<ul style="list-style-type: none"> • Transparent high gloss finish; • hardening without volumetric shrinkage; • high mechanical resistance; • a wide range of decorative techniques (metallic flooring, photo-flooring etc.); • excellent substrate wetting and flowing properties 						
DENSITY	<ul style="list-style-type: none"> • Component A: 1,12 kg/l; • Component B: 1,04 kg/l; • Mixture (A+B): 1,09 kg/l 						
TECHNICAL DATA	<p>Mixing ratio (by mass):</p> <ul style="list-style-type: none"> • Component A: Component B – 66,7 : 33,3 <p>Solid content:</p> <ul style="list-style-type: none"> • By weight: ~ 100% • By volume: ~ 100% <p>Pot- life:</p> <ul style="list-style-type: none"> • 20 min under standard conditions <p>Drying/hardening time under standard conditions:</p> <ul style="list-style-type: none"> • dust dry: after 12 hours • light foot traffic: after 24 hours • full cure: after 7 days 						
APPLICATION CONDITIONS	<ul style="list-style-type: none"> • Substrate and air temperature: min. +10 °C; max. +30 °C • Relative air humidity: max. 75 %, with adequate ventilation. • There must be no condensation. Pay attention to the dew point. 						
SUBSTRATE QUALITY	The substrate must be leveled, dry and clean. The pull-off test value must be min. 1.5 N / mm2.						
SUBSTRATE PREPARATION	Dust and loose particles should be thoroughly removed with vacuum cleaner. Freshly applied coatings based on synthetic resins must be hard enough for pedestrian traffic (at least after 24 hours of hardening). Older coatings need to be sanded with very fine sandpaper to avoid visible scratches on the floor.						
MATERIAL PREPARATION	Add component B into component A and mix thoroughly with a low-speed electrical mixer (max. 400 r / min) until a homogeneous mixture. Then pour the mixture into another container and mix again.						
APPLICATION METHOD	Absorbent substrates should be impregnated before the application of the final layer, by applying a thin layer of Floor expert Clear Top (by roller or rubber blade). To achieve decorative effects ("photo-flooring", metallic etc.), if necessary, level the substrate with the appropriate material and apply the Floor expert EP 311 base layer in desired shade. When performing "photo-flooring", pictures printed on canvas or similar decorative elements should be laminated with a thin layer of Floor Expert Clear Top and after hardening, apply the material with a trowel in the desired thickness. Immediately after applying with the notched trowel, cross the surface with a spiked roller in order to equalize the thickness and purge air. We recommend the application in thickness up to 2 mm in order to maintain full transparency.						
CONSUMPTION	1,10 kg /m ² PER 1 mm layer thickness.						
PACKAGING	<table border="1"> <thead> <tr> <th></th> <th>Component A</th> <th>Component B</th> </tr> </thead> <tbody> <tr> <td>10 kg (A+B)</td> <td>6,67 kg</td> <td>3,33 kg</td> </tr> </tbody> </table>		Component A	Component B	10 kg (A+B)	6,67 kg	3,33 kg
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STORAGE	In dry and airy rooms in originally sealed containers at temperatures from +5 °C to +25 °C. Shelf life: 24 months						

Last update: July 2019.

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