

Product information



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BestPrimer AC409

Moisture barrier epoxy primer, two component

Description:	BestPrimer AC409 is a very special primer, epoxy-based, two-component, specialized for moisture-proof primer in some specific application cases, in order to increase surface adhesion before application to type of base sealant, epoxy, polyurethane, polysulphide
Application:	BestPrimer AC409 is applied in special cases in wet areas, freshly poured concrete (after 24 hours) or areas that cannot be dried, cannot avoid moisture such as bottoms, floors and walls. tunnels, reservoirs, ditches, swimming pools, floor surfaces of old factories, warehouses, garages
Advantage:	 Bonding well with highly humid or oil surface High permeability should be able to penetrate deep into the material. Resistance to erosion, chemical resistance, high abrasion resistance. Easy to apply with tools such as brush, short bristle roller Environmentally friendly.

SPECIFICATION

Package:	6 kg/set. Also can be packed on request.
Shelf life:	12 months from date of manufacture (unopened container and store in a cool, dry place).
Apperance:	Viscous liquid.
Colour:	Component A: Transparent; Component B: Light yellow. Component A+B: Transparent amber colour.
Density:	Component A: $1.10 \pm 0.01 \text{ kg/l}$ (@ 25°C)Component B: $0.90 \pm 0.01 \text{ kg/l}$ (@ 25°C)Component A+B: $1.00 \pm 0.01 \text{ kg/l}$ (@ 25°C).
Solid content:	≥ 75%.
Consumption:	$0.10 \div 0.15 \text{ kg/m}^2/\text{layer}$ (Depending on surface situation).
Application environment:	Minimum temperature: + 10°C (over the dew point at least 5°C) Maximum temperature: + 35°C Maximum relatively moisture of the air as 80%.
Physical and chemical property:	Significantly enhances adhesion to wet material surfaces Erosion resistance, chemical resistance.
Mixing ratio:	Component A: Component B = 2:1 (By weight).

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Application time:

Ambient tempe	rature	+20°C	+25°C	+30°C	+35°C	
Application time	9	70 mins	50 mins	30 mins	20 mins	
Vaiting time:						
Ambient temperature		+20°C	+25°C	+30°C	+35°C	
Interval time between layers: Minimum		24 hours	16 hours	12 hours	6 hours	
	Maximum	48 hours	48 hours	48 hours	48 hours	
NSTALLATION	1					
Substrate requirement:	 For highly absorecommended. For solid and means For polished surfactories with water 	dium rough su faces: surface	rfaces: only 1 co roughening tre	pat is required. eatment is reco		
Surface condition:	Concrete must reach compressive strength: \geq 20 MPa , tensile strength: \geq 1.5 MPa . Substrate must be flat, solid, free of surface free water, areas of standing water should be wiped dry with a clean rag. Impurities, debris, dirt, grease, moss, mold must be cleaned according to requirements.					
	Components A and B must be thoroughly mixed in the correct ratio by mixing machine in speed of 300÷400 rpm. The minimum mixing time is 03 minutes but car be mixed longer until the required consistency is achieved (the mixture becomes transparent). Apply material immediately after mixing.					
Mixing:	machine in speed of 300 be mixed longer until th)÷400 rpm. The le required co	e minimum mixi nsistency is ac	ng time is 03 m	inutes but ca	
Mixing: Application:	machine in speed of 300 be mixed longer until th	2÷400 rpm. The required co rial immediate a short bristle rate of 0.10 lining shall be next coat, mal	e minimum mixi insistency is ac ily after mixing. e roller, hardly s ÷ 0.15 kg/m²/ e made in a dire ke sure the prev ion, avoid rain	ng time is 03 m hieved (the mix weep BestPrime layer (dependir ction perpendic rious coat is con and direct sun	er AC409 ov ng on surfac ular to the fir npletely dry.	
	machine in speed of 300 be mixed longer until the transparent). Apply mate Using a bristled brush or the entire surface at a conditions). The second coat. When applying the <u>Note:</u> Application area must e material has not complete	0÷400 rpm. The required co trial immediate rate of 0.10 lining shall be next coat, mal ensure ventilat etely cured. D	e minimum mixi insistency is ac ily after mixing. e roller, hardly s ÷ 0.15 kg/m²/ e made in a dire ke sure the prev ion, avoid rain to not use the	ng time is 03 m hieved (the mix weep BestPrime layer (dependir ction perpendic rious coat is con and direct sun material that ha	er AC409 ov ng on surfac ular to the fir npletely dry.	

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