

ISONEM EP PRIMER

(Solvent Free Epoxy Primer)

Product Description

SOLVENT FREE EPOXY PRIMER, it is transparent, hygienic primer material. It is easy to apply, it has perfect adherence. It is epoxy resin base, solvent-free, two component. It has very good penetration, low viscosity and moisture tolerance. It increases the concrete strength by filling the capillary cavities of the concrete floors and acts as an adherence bridge for the epoxy or polyurethane topcoat paints and coatings.

Technical Specifications

Density A comp. (25°C, g/mL)		0,90 ± 0,10
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рН (25°С)	:	Not applicable (N/A)
Viscosity B comp. (25°C, mPa.s)	:	0 - 500
Solid content B comp. (% Weight)	:	Not applicable (N/A)
Water transmission rate (kg/ m ² . h ^{0,5})	:	< 0,1 CLASS W₃
Adhesion strength by pull-off test (N/mm ²)	:	Rigid system without trafficking \geq 1.0 N/mm ² , with trafficking \geq 2,0 N/mm ²
Permeability to water vapour (m)	:	$5 \leq S_D \leq 50 \text{ CLASS II}$
Touch-free Drying	:	8 - 10 hours
Through-dry time	:	7 days
Pot life (23°C)	r:	30 - 40 minutes
Solvent	ų	Organic solvent
Class of fire reaction		C fl S1
Color		A: Transparent, B: Brown liquid

Application Procedure

Surface preparation: All free loose material must be removed from the surface. All oil and dirt on the surface should be cleaned by blasting with sandblasting. The temperature of the surface should be $+ 3^{\circ}$ C above the dew point when the application is done.

Mixture preparation: ISONEM EP PRIMER is supplied in ready-to-use kits according to the mixing ratio. The mixture should be prepared to be enough amount for application by taking into account the life of the mixture. Before starting mixing, ensure that the material temperatures are between 15 and 25°C. Component A should be thoroughly mixed with a mixer at 300 - 400 rpm for 2 - 3 minutes without entraining air. Subsequently, all of component B must be poured into component A and ensure that there is no material left inside the B component. Mix for at least 4 minutes until a homogeneous mixture is obtained and the prepared mixture should be consumed within 30 - 40 minutes.

Application method: ISONEM EP PRIMER should be applied with brush or roller in order to obtain the desired thickness. When the mixture is got the suitable consistency, if it is necessary, the air of the application should be removed via spiked roller.

ISONEM BOYA VE YALITIM TEKNOLOJİLERİ İNŞ. SAN. TİC. A.Ş.

Fabrika : ITOB OSB 10001 SK. NO:20 TEKELİ MENDERES İZMİR POSTA KODU : 35470 MENDERES VD. : 4810888223 TEL : 0 (232) 799 04 95 FAX : 0 (232) 437 01 33 WEB : www.isonem.com.tr E-MAIL : isonem@isonem.com.tr



Application Conditions / Limitations

Application	:	Horizontal
Surface humidity	:	Dry / slightly humid surface
Primer usage	:	Х
Primer consumption	:	Х
Product usage	:	Primer application
Product consumption	:	0,25 - 0,4 kg/m²
Paintable (Coverage) Area	:	12,5 - 20 m²/set
Between two coats	:	24 hours
Recommended application tools	:	Roller (synthetic epoxy), brush, suitable spray
Application temperature (°C)	:	5 - 35 °C

Things to consider during and after the application: The application surface must be clean and free from all impurities like dirt, oil, and mud.

<u>Other ISONEM products recommended:</u> ISONEM M 03 elastic repair mortar should be used for filling cracks and voids mortar.

IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application. A and B components should be consumed within 30-40 minutes after mixing (23°C). At lower temperatures, the pot life is extended and at higher temperatures, the pot life is shortened.

Packaging & Storage

Packaging	:	5 kg set
		(Component A: 3,1 kg can, Component B: 1.9 kg can)
Storage temperature (°C)	:	5 - 35 °C
Shelf life	:	24 months from date of production if stored in original, unopened,
		undamaged packages.
Storage condition	:	Store tightly closed in a dry and cool place away from heat and fire.

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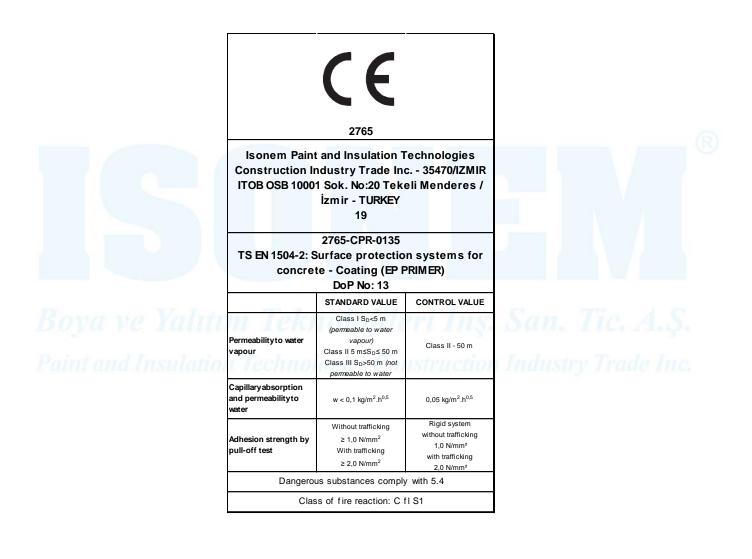


Cleaning of Tools

Clean all tools and application equipment with cellulosic thinner immediately after use.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.



Statement of Responsibility

The technical information and application advice given in this ISONEM Paint & Insulation Technologies publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.











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