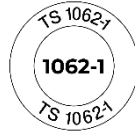


TECHNO KRAFT ADHERENCE ENHANCER ADHERENCE ENHANCER ACRYLIC PRIMER

DESCRIPTION

It is an acrylic resin based liquid cement additive that can be used as a **strength**, **water impermeability** and **flexibility** enhancer for cement based mortars. It is a liquid mixture whose chemical structure affects the cement compounds carrying out cement hydration and increases efficiency.



TSE K10 - Water Impermeability and Adherence Enhancing Additive Material for Acrylic Based Plasters and Screeds

USAGE PLACES

- Indoor and outdoor, horizontal and vertical coatings,
- Ceramic, tile, granite, glass mosaic adhesion, as an additive in applications on ceramics,
- As an additive in pool adhesions, roofs requiring waterproofing, thermal insulation panel adhesive mortars
- It can be used as an additive in self-levelling mortars, repair mortars, coatings of surfaces prone to stress and cracking.
- It can be used as an additive before repair to protect concrete reinforcement from corrosion.
- It can also be used as a primer on surfaces.

POINTS TO PAY ATTENTION TO

- Do not apply on wood, OSB, PVC, bitumen surfaces, painted and metal surfaces.
- It should never be used on exterior surfaces that will freeze within 24 hours.
- Avoid application under direct sun and strong wind. Application must be made when the surface temperature is between +5 °C and +25 °C. In exterior surface applications, the surface should be protected from sun, rain, wind and frost within 24 hours after application. The surface should be protected from hot, dry and windy environments for 24-48 hours after application against rapid drying with wet sacks or water.
- When diluted and used as a primer, it takes a transparent appearance after drying on the surface. A sticky surface is felt when pressed with a finger.
- **ADHERENCE INCREASER ADHERENCE INCREASER ACRYLIC PRIMER** additive material shortens the working time of cement mortars due to its chemical structure.
- It is recommended to use protective gloves during applications. For more detailed protective measures, please obtain the material safety data sheet of the product from the manufacturer.

ADVANTAGES

- Establishes a strong bond with cement.
- Provides adherence and impermeability.
- It has high freeze-thaw strength.
- Increases flexural and compressive strength of mortar.
- Increases the adhesion strength of mortar.
- Can be used as primer by diluting (see TECHNO KRAFT Primer advantages).
- It adds high elasticity feature.

VARLIK MINERAL GEOTHERMAL ENERGY MINING CONSTRUCTION TRADING CO.

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TECHNO KRAFT ADHERENCE ENHANCING ACRYLIC PRIMER

TECHNICAL DATA SHEET

SURFACE PREPARATION

Surface preparation should be done in advance according to the material to be used. Generally, cement surfaces should be sound, clean and free from dust, oil, etc. that will prevent mortar application. Broken, loose parts on the surface to be applied should be removed and repaired quickly.

USAGE METHOD

It is obtained by mixing with cement based adhesive mortars, plasters, repair mortars, joints and floor screeds at the recommended mixing ratios according to the desired application consistency on **TECHNO KRAFT ADHERENCE INCREASER ACRYLIC PRIMER**. In flexible joint filler applications, the mixing ratio is left to the manual skill of the master who makes the application according to the filler to be used. Do not exceed the mixture amounts specified in the mixture ratios. Otherwise, it shows performance decreasing effect contrary to performance increasing effect.

mixing ratios and expenditure

ADHERENCE INCREASING ACRYLIC PRIMER consumption quantities		
Application	Performance	Mixing Ratio
Tile Bonding	Increasing resistance and adhesion strength against harsh weather conditions, especially in outdoor applications	(C1/C1T/C1TE/C1F/C1FT class) 1 kg ADHERENCE INCREASING ACRYLIC PRIMER+ 6 kg water+ 25 kg adhesive mortar
Granite-Marble Bonding	To increase the adhesion strength of the existing heavy coating against harsh weather conditions in exterior high floor applications	(C2/C2T/C2TE/C2F/C2FT class) 0,5 kg ADHERENCE INCREASING ACRYLIC PRIMER+ 6,5 kg Water+ 25 kg adhesive mortar
Glass Mosaic Bonding	To increase the adhesion and adhesion strength of glass mosaics, which have very low water absorbency, to the surface on wet and moving floors	1 kg ADHERENCE INCREASING ACRYLIC PRIMER+ 5,5 kg water+ 25 kg adhesive mortar
Thermal Insulation Panel Application	To increase adhesion strength and durability for XPS, EPS and rock wool boards used in exterior thermal insulation	1,5 kg ADHERENCE INCREASING ACRYLIC PRIMER+ 5,5 kg Water+ 25 kg adhesive mortar
Pool Application	Providing adhesion and water impermeability to the damp surface in wet areas and increasing the adhesion strength of the coating to be applied on it, applying a waterproof layer under the coating	1,5 kg ADHERENCE INCREASING ACRYLIC PRIMER+ 5,5 kg Water+ 25 kg adhesive mortar (for coating) 4 kg ADHERENCE INCREASING ACRYLIC PRIMER+ 6 kg water+ 20 kg insulation mortar (for waterproofing)
Spontaneous Spreading Alum	Cemented floor operating under heavy traffic more flexible and durable floor mortars by reducing the elastic modulus in screeds to achieve	0,5 kg ADHERENCE INCREASING ACRYLIC PRIMER+ 8 kg water+ 25 kg levelling screed
Repair Fees	Protect reinforcement from corrosion and increase water impermeability and compressive strength for repairs	2 kg ADHERENCE INCREASING ACRYLIC PRIMER+ 4,5 kg water + 25 kg repair mortar (for repair) 4 kg ADHERENCE INCREASING ACRYLIC PRIMER+ 6,5 kg Water+ 25 kg repair mortar (to protect reinforcement from corrosion)
Joint Filling	It should be used for repairing old and broken joint filling materials to increase the water impermeability and freeze thaw resistance of joint filling mortars.	(CG1/CG2/CG2A class) 0,5 kg ADHERENCE INCREASING ACRYLIC PRIMER + 6,5 kg water + 20 kg joint filler


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		(CG1/CG2/CG2A/CG2WA class)
Primer	As an anti-dusting and sheathing primer on the surface	1 kg ADHERENCE INCREASING ACRYLIC PRIMER+ 1 kg Water

TECHNICAL SPECIFICATIONS

Colour	Transparent	
Material Content	Modified styrene acrylic polymer modified liquid emulsion	
pH (20 ⁰ C)	7,0-9,0	
Solid Matter Ratio	%40-45	
Temperature Resistance	-30 °C / +90 °C (hardened cement + admixed mortar)	
Adhesion Strength (EN 1542)	≥ 2 N/mm ⁽²⁾ (28 days-concrete)	
Compression Strength (EN 196-1)	≥ 20 N/mm ⁽²⁾ (7 days)	
	≥ 30 N/mm ⁽²⁾ (28 days)	
Container Life	Shortens the pot life of cement mortar by 25%.	
Shelf Life	12 months from the date of manufacture under appropriate storage conditions When not in use, the packaging should be tightly closed and the material should be consumed within 1 week at the latest.	

The above values are valid at +21 °C and 50% relative humidity.

PACKAGING and STORAGE

CODE	PACKAGING
KR-7600	TECHNO KRAFT ADHERENCE ENHANCER ACRYLIC PRIMER (5 L)

Store the material in its unopened packaging in a dry environment, protected from frost.