

EPOXYFUGA

Epoxy Based, Water Cleanable Joint Filling Compound

PRODUCT DESCRIPTION

INKA-EPOXYFUGA is a two component, water cleanable, solvent free epoxy joint filling compound and adhesive, resistant to thermal shock, chemicals and heavy traffic. It is used for the grouting of ceramic tiles, natural stones and glass bricks etc.

AREAS OF USE

Used for the waterproofing and improving the chemical resistance & mechanical strength of joints, **EPOXYFUGA** can also be used in potable water tanks. Other common areas of use are;

- indoor and outdoor floor and wall joints,
- in joints of alcoholic and soft drink beverage manufacturing plants,
- in joints of milk and dairy product plants,
- in joints of food & beverage and medical plants where sanitary & hygiene are of great importance,
- in joints of chemical, paint and paper manufacturing plants,
- in joints of hotel kitchens, laundry areas and bathrooms,
- in joints of swimming pools and thermal spa's,
- in joints of water treatment plants,

ADVANTAGES

- resistant to broad spectrum of corrosive chemicals and solvent exposure,
- resistant to freeze and thaw cycles,
- recommended for interior as well as exterior joints of structures for protection from fume, dust, splashes and spillages,
- resistant to sudden temperature changes,
- resistant to abrasion,
- cured product is non-stain and easy to clean due to its glossy nature,
- harmless when fully cured. (complies with BS6920 for pottable water contact)

TECHNICAL DATA

- **Color:** impure white, grey and optional colors
- **Unit Weight of Mixture:** $1,75 \pm 0,05$ kg/l (@ 20°C)
- **Packaging:** A + B = 5,25 kg set
- **Storage:** 1 year in a dry and closed area, stored between 10 to 35°C, in unopened packages.
- **Pot Life:** @ 20°C - 60 minutes
Pot life decreases significantly when mixed in large volumes and/or when ambient temperature increases.
- **Application Temperature:** +8°C - +20°C arası*
- **Curing Time:** The product will be fully cured in 7 days (@20°C)
The joints should be protected against chemical and physical impacts during this period.
- **Chemical Resistance:**
After the product fully cures, **INKA EPOXYFUGA** is resistant to all inorganic agents like diluted and concentrated acids, alkalis, detergents, disinfectants, mineral oils, animal fats, salt water and solvents like diesel, gasoline, alcohol etc.

APPLICATION

Surface Preparation: Joints and its surfaces must be dry, free from oil, dirt, dust and paint residues to ensure adherence. Before the grouting starts, the adhesive used for the tiling process must be fully cured.



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Product Preparation: Comp.B must be added to Comp.A while stirring with a slow speed mixer until a uniform mix is acquired.

Application: The application of **INKA-EPOXYFUGA** can be made by a trowel or a gun. The excess product should be removed with the help of a sponge and warm water-soap/detergent. 10% of alcohol can be added to the final cleaning water.

Cleaning the tools: The residues should be removed with warm water right after the application before the product fully cures. Cured product can be cleaned mechanically.

CONSUMPTION

Joint Width (mm)	Joint Depth			
	3mm gr/m	4mm gr/m	5mm gr/m	6mm gr/m
2	10,3	13,8	17,2	20,6
3	15,5	20,6	25,8	31
4	20,6	27,5	34,4	41,3
5	25,8	34,4	43	51,6
6	30,1	41,3	51,6	61,9
7	36,1	48,2	60,2	72,3
8	41,3	55	68,8	82,6
9	46,5	62	77,4	92,9
10	51,6	68,8	86	103,2

ATTENTION

- * Ideal application temperature is +20°C. Application should not be made under +8°C and when relative humidity is above 70%.
- Surface temperature must be 3°C higher than the dew point.
- The product should be protected from chemical and physical impacts during the 7 day curing process.
- Adequate ventilation should be provided for closed spaces.
- Special thinner can be used for cleaning.

Compressive Strength	> 45 N/mm ²
Bending Resistance	> 30 N/mm ²
Rapture Resistance	> 2,50 N/mm ²
Adhesion Resistance in Cutting	> 2,00 N/mm ²
Water Absorbition	< 0,10 gr (after 240 mins.)
Application Surface Temperature	in between +10°C +25°C
Service Temp: Continuous in Dry Media In	in between -20°C +80°C
Service Temp: Wet Medium	in between -20°C +50°C
Usage Duration	~ 45 mins.
Open Waiting Duration	> 20 mins.
Sliding	None
Walking Over Duration	24 hours
Duration for Opening to Traffic	7 days

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RISK DEFINITIONS & SECURITY RECOMMENDATIONS

- R11 Highly flammable. • R36/38 Irritating to eyes and skin.
- R20/21/22 Hazardous when inhaled, swallowed or comes in contact with eyes and skin. • R34 Causes burns.
- R43 May cause sensitisation by skin contact.
- S1/S2 Keep locked up and out of the reach of children.
- S16 Keep away from sources of ignition - No smoking.
- S20/S21 When using do not eat or drink & do not smoke.
- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S38 In case of insufficient ventilation wear suitable respiratory equipment.

Hazard symbol: H2, Xn

TECHNICAL SERVICES

Our technical support team is ready to answer all your questions concerning our product line.

For additional information, please contact our headquarters.

Material Safety Data Sheet of this product can be obtained from info@inka.com or from our regional sales representatives.