

# eurocol 740

the strong connection



## ISO FLEX 2K

A flexible, cement-based, 2-component sealing compound for waterproofing of mineral surfaces on balconies, swimming pools and terraces where tiling is to be applied. Suitable for indoor and outdoor use on walls and floors.

### PRODUCT TYPING

Base	Liquid polymer dispersion with a very high content of synthetic binders to be mixed with cement powder. Component A: B 20 : 15.
Color	Grey.

- Single-layer system
- Waterproof
- Highly elastic
- Frost-resistant
- Crack-bridging
- Suitable for walls and floors
- For indoors and outdoors

### PROPERTIES

Classification	Highest class according to NEN-EN 14891 CMO2P, high-performance, cement-based, liquid-applied waterproof membrane for use under ceramic tiling with crack-bridging capability at low temperatures (-20 °C) with resistance to chlorinated water. To be used in conjunction with a high-performance cement-based C2 adhesive compliant with NEN-EN 12004.
Consumption	Approx. 3 kg/m <sup>2</sup> per applied layer of 4 mm (see instructions).
Flammability	Non-flammable.
Humidity resistance	Water-resistant after drying, making it very suitable for use in "wet areas", outdoors and underwater (swimming pools).
Passableness	Approx. 5 hours at 18° - 20 °C.*

### APPLICATION

- For waterproofing of mineral surfaces on balconies and terraces where tiling is to be applied.
- For protecting concrete reinforcement (e.g. in swimming pools) against moisture penetration, reducing the risk of efflorescence.
- For sealing of mineral walls to prevent moisture penetration, e.g. in heavily used shower areas.
- As a decoupling layer on critical surfaces, such as wood and existing tiling.
- To allow gradual drying of freshly poured sand-cement screeds and to protect them against moisture ingress.

### PROCESSING

Storage	Store cool and dry in unopened packaging.
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740 ISO FLEX 2K

<b>Tools</b>	Notched trowel and smoothing spatula or filling knife.
<b>Mixing ratio</b>	20 kg 740 Isoflex 2K to 15 litres of supplied liquid polymer dispersion.
<b>Processing time</b>	Within 30 minutes after mixing.*
<b>Drying</b>	Minimum 12 hours.*
<b>Moisture resistance</b>	Water-resistant after drying, making it very suitable for use in "wet areas", outdoors and underwater (swimming pools).
<b>Shelf Life</b>	12 Months, in unopened packaging. After use close the open packaging well
<b>Application temperature</b>	Above 5 °C.

\* The stated values are laboratory values which, given the large variation in climatological conditions, subfloor compositions and layer thicknesses, are only guideline values.

#### Substrate:

- 740 Isoflex 2K can be applied to any rigid, pressure-resistant and tear-resistant mineral surface. The surface must also be clean, dry and free from grease and dirt.
- Mineral absorbent surfaces (e.g. sand/cement screeds) should be pre-treated with 099 Dispersion Primer. Minimum drying time: 1–2 hours.
- Holes and deep damage in dry indoor situations should be pre-filled with 955 Wandostuc or, in outdoor situations, with 923 Europlan Extreme (floor) or 658 Wandoforte (wall).
- Always consult our technical product information sheets beforehand. In case of doubt about the application, contact our Technical Advisory department in advance.

#### Instruction manual:

- Add 20 kg of 740 Isoflex 2K to the 15 litres of mixing fluid in a tall 35-litre mixing tub and stir the mortar thoroughly for 4 minutes using a Eurocol 855 stirrer or basket mixer (approx. 1,000 rpm) until the mixture is lump-free. Allow the mortar to rest for 2 minutes and stir briefly before use. For wall applications, approximately 1 kg less mixing fluid can be used, which will reduce the processing time slightly.
- Apply 740 Isoflex 2K in an 8x8 mm notched layer to the surface. Smooth the ridges immediately with a smoothing spatula or filling knife to create a closed layer.
- In the dry state, the layer of 740 Isoflex 2K must be at least 3 mm thick.
- Protect the entire surface against adverse weather conditions (e.g. moisture, frost) starting from the application until the final layer has set.
- For ceramic tiling, we recommend using 733 Superior S2 or 705 Watertight Tile Adhesive.
- Clean any dirt from the surface before gluing the tiles.

## QUALITY AND GUARANTEE



## ENVIRONMENT AND HEALTH

MSDS For comprehensive safety and environmental information, please refer to our website at [www.eurocol.nl](http://www.eurocol.nl).

#### Environment and health

- The plastic bucket is fully recyclable. Only return packaging free of residues for recycling. Dried material residues can be disposed of with household waste.

## ITEM DATA

Artikel	definition	Packaging	EAN-code
740	Isoflex 2K	35 kg combination	
	Component A	20 kg bag	8 710345 740104
	Component B	15 kg bucket	8 710345 740203

#### 740 ISOFLEX 2K



Package  
15kg



Package 20  
kg

#### **740ISOFLEX 2K**

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