

## Technical Data Sheet

# Intectin® Plus

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### Product

#### Description

**Intectin® Plus** is a solvent-free, low-viscosity, 2-component polyurethane-based elastomeric resin.

#### Use

- Crack repair in concrete according to EN 1504-5 (CE-Declaration of Performance 2+)
  - Tested according to ZTV-ING (RISS), (BASt list)
  - Tested/monitored according to DIN V 18048 by iBMB
- Injection of injection tubes (National Test Certificate) and construction joints
- Damp proof course (dpc) and sealing in masonry
- Sealing of foundation pits

#### Characteristics / advantages

- Low-viscosity polyurethane-based elastomeric resin
- Very good injectability
- Long working time
- Very high extensibility
- low foaming
- Good adhesive power, high edge adhesion to concrete, steel, polymer
- High shear strength
- Resistance to bitumen, coal tar pitch, existing sealings
- Adjustable reaction time by addition of Intectin® accelerator, max. addition 10 wt.%.
  - With accelerator also suitable for use at low temperatures

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### Test Reports

#### Approvals / Standards

DIN EN 1504-5 classification: U (D1) W(2) (1/2/3) (5/30)  
 Drinking water approval: KTW - BWGL, KTW - D1 "large-surface seals"

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### Product Data

#### Appearance

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#### Packaging

Double tinline containers with a total of 1kg content  
 (comp. A = 0,645 kg, comp. B = 0,355 kg)

#### Storage

The sealed original containers can be stored for at least 24 months at temperatures between +5°C and +30°C in a dry environment. The same applies to transportation.

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## Material Properties

All technical values relate to +21°C ±2°C and 50% relative air humidity.

delivery type	2-components („A“ + „B“)		
appearance	light-brown		
viscosity	150 mPa s	DIN EN ISO 3219	
density (+20° C)	1,02 kg/dm <sup>3</sup>	DIN ISO 2811	
composition	polyurethane resin		
mixing ratio	p.b.w.	Comp. A	Comp. B
	p.b.v.	100	56
application time (pot life)	approx.	DIN ISO 9514	
	60 min.		
Reaction time with 5 % water	Start after	End after	
	6 min 30 sec	approx. 10 min	
application temperature	> 5 °C	Component- and structure temperature / material temperature	
Elongation at break	40 %	DIN EN ISO 527	
Tear strength	0,21 N/mm <sup>2</sup>		
expansion ratio with water	10 %	DIN EN 14 406	
Watertightness	> 2 bar (safety factor 2,5)	DIN EN 14068	
Fire behavior	B2	DIN 4102-4. 2.3.2	
Giscode	PU40		

Cleaning of tools and equipment is carried out with **Intectin® special cleaner**. Under no circumstances may water or water-based cleaning agents be used.

## Environment / Sustainability

The company MAX FRANK GmbH & Co. KG has implemented a certified environmental management system since July 2022.

Please dispose of and recycle the packaging in accordance with the applicable legal regulations.

## Compulsory training

Since 24 August 2023 adequate training is required before industrial or commercial use.

For more information scan the QR-code on the product label or visit:

<https://isopa-aisbl.idloom.events/050>

## Disclaimer / Notes:

The usability of the products in the specific installation situation must be checked by the user. This data sheet is constantly updated. Technical changes are therefore expressly reserved without prior information of the customer. The currently valid version can be found on our website at: [www.maxfrank.com](http://www.maxfrank.com). Our General Terms and Conditions of Sale apply in addition.