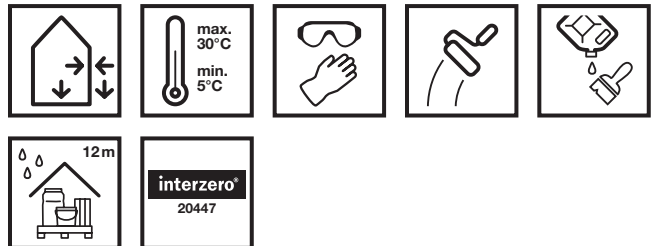


IMBERAL® DAB LF 10S

Detail waterproofing waterproofing made of liquid plastic, solvent-free



These pictograms apply to the **basic product**.
Deviations are possible depending on the area of application and processing.

PRODUCT INFORMATION

Description

IMBERAL DAB LF 10S is a brush- and roller-applicable, single-component SMP liquid polymer that cures in contact with atmospheric moisture to form a permanently elastic, crack-bridging sealant. The material is solvent- and isocyanate-free, adheres to many substrates without additional priming, and is suitable without restriction for use on metals and many plastics as well as on mineral substrates.

Application

- as detail sealing on the building
- particularly suitable for sealing component joints, window connections, floor-to-ceiling windows and doors and as a connection seal between metal, stainless steel, plastic and mineral substrates
- as a sealant against radon gas
- for new construction and renovation projects

Operational area

- Floor-to-ceiling windows and doors on the outside
- Sealing under window sills
- Connection sealing between metal/copper and plastic
- Component joints in basement construction with precast concrete elements
- Joints in concrete construction according to PG-FBB and PG-ÜBB
- Edge joint sealing on balconies and terraces
- Penetrations
- Light wells
- for sealing ceilings covered with earth (W3-E) and in the plinth area (W4-E) in accordance with DIN 18533

Place of use

- for interior and exterior use

Properties

- ready-to-use
- isocyanate-free
- 100% solids content
- fast curing
- flexible and cold-resistant
- UV and weather resistant
- good workability
- styrene-free
- hardens due to air humidity
- rollable and spreadable
- adhesive
- alkali resistant
- impermeable to pressurized water
- compatible with bitumen

Technical Data

Available container sizes	7 kg/PE bucket
Colour	anthracite (approx. RAL 7016)
Density	approx. 1.4 kg/l
Processing temperature	+5°C to +30°C
Crack bridging capacity	2 mm
Elongation at break	approx. 80 %
Diffusion-equivalent air layer thickness ($s_{d\text{-value}}$)	approx. 4 m
Impermeability	2.5 bar / 28 days
Curing time	approx. 24 hours ¹⁾
Walkability	after approx. 12 hours ¹⁾
Storage	cool, 12 months
Consumption	approx. 2.5–3.5 kg/m ² depending on the substrate
¹⁾ At +20 °C and 60 % relative humidity	

SUBSTRATE

Properties/tests

- The substrate must be dry, sound, clean and free from substances that could impair adhesion.

Preparation

- Joints are sealed with HADALAN FC240 22S to prevent the product from seeping into cracks and joints.
- Fill larger uneven areas in the base with INTRASIT RZ1 55HSP.
- Stable mineral substrates can be painted directly without the need for an additional primer.
- Sand non-absorbent surfaces such as PVC window frames, metals, and non-ferrous metals until they are matte, and de-grease them.
- Old bitumen, PU, and EP substrates must be pretreated with the HADALAN HV Uni 30DD primer. Coverage is approximately 50 ml/m². To apply, soak a cloth in the material and wipe it over the surface. Allow to flash off for approximately 20 minutes. Sand rigid coatings beforehand.
- In case of doubt and for undefined substrates, carry out a preliminary test.
- Please note that HADALAN HV Uni 30DD contains solvents.



AREAS OF APPLICATION AND PROCESSING

■ Applying

- Open the container and stir briefly if necessary.
- Pre-coat the surface evenly with a brush or roller. Now lay the DAKORIT DV110 89V connecting fleece into the fresh layer.
- Apply the second coat immediately after the first, without waiting
- If the first waterproofing layer is not covered within 8 hours, or if it is exposed to rain, the DAKORIT HG bonding agent must be used to ensure reliable interlayer adhesion.
- During and after drying, the waterproofing layer must be protected from moisture and mechanical stress.

NOTES

■ Cleaning

- Clean tools after use with HADALAN EPV 38L. Hardened material can only be removed mechanically.

■ System products

- INTRASIT® RZ1 55HSP
- IMBERAL® RSB 55Z
- PROLASTIC® 55Z
- HADALAN® HV Uni 30DD
- HADALAN® FC240 22S
- DAKORIT® DV110 89V
- DAKORIT® HG1 31H

■ To be observed

- The product can be exposed to the elements without protection and is highly weather-resistant. However, if the waterproofing is subject to constant, daily mechanical stress, it is recommended that appropriate protection be applied. In basements, drainage boards and insulation materials are typically installed. The requirements of DIN 18533 for protective layers apply.
- Seal opened containers airtight and use quickly.

■ Ingredients

- SMP (silane-modified polymer)
- functional fillers

■ Occupational safety / Recommendation

- Further information on safety during transportation, storage and handling can be found in the current safety data sheets.

■ Disposal

- The following applies to all systems: Only return empty containers to recycling partner Interseroh. Leftover, hardened material can be disposed of in accordance with waste code number 08 04 09 (adhesive waste and sealing compound waste containing organic solvents or other dangerous substances).

■ Producer

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The statements are made based on extensive tests and practical experiences. They cannot be applied to every application case. Therefore, we recommend carrying out application trials if necessary. Subject to technical changes in the course of further development. Furthermore, our General Terms and Conditions of Business apply.