



DRAIN

ALIPHATIC MONO-COMPONENT
POLYURETHANE RESIN BINDER



DESCRIPTION

DRAIN is an aliphatic, transparent, mono-component polyurethane resin binder. When mixed with specific aggregate, it forms a draining surface layer suitable for pedestrian and cycling paths. The aliphatic structure ensures UV stability and prevents yellowing over time.

FIELDS OF APPLICATION

- Draining coatings for cycle paths
- Draining coatings for pedestrian routes
- Draining coatings for urban areas
- Draining coatings for access driveways
- Draining coatings for parking areas
- Draining coatings for sidewalks

PRODUCT DATAS

Base	Mono-component
Catalysis ratio	-
Mixing ratio	-
Composition	Polyurethane resins
Appearance	Viscous liquid
Specific weight	1.25 kg/L
Dry residue	95%
Pot Life	60 minutes
Color	Transparent

CONSUMPTION

1.5–2.5 kg/m²/mm (including aggregate).

APPLICATION

SUBSTRATE PREPARATION

The substrate must be perfectly dry, clean, compact, and free from contaminants (dust, oil, grease, paints, efflorescence, vegetation). Moisture must be below 5%. Any cracks or holes must be repaired. Check slopes to ensure rainwater drainage.

PRIMER

Use Primer Pu S for porous substrates. Apply DRAIN within 72 hours from primer application; otherwise, reapply primer.

PRODUCT PREPARATION

Ready-to-use mono-component product. Stir with a low-speed mixer before use.

MIXING WITH AGGREGATE

Mix ratio DRAIN : aggregate = 100 : 5. Do not exceed 200 kg per batch; if using an electric mixer, prepare batches below 50 kg.

Date 15/10/2025



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PRODUCT APPLICATION

Apply using a steel trowel and level with a straight edge. For large areas, allow approx. 3 hours before compacting with a mechanical plate compactor. Vehicular areas require at least 1.5 cm layer with aggregate ≤ 4 mm.

CLEANING

Clean tools immediately with Btech Solvent. Hardened product must be removed mechanically.

WARNINGS

- Solvent-based product
- Flammable
- Do not apply below 5°C
- Do not apply on moist surfaces (>5% residual moisture)
- Do not dilute with water
- Do not dilute with non-suitable solvents
- Do not apply if rain, dew, fog, or mist is expected

HEALTH AND SAFETY

Refer to the latest Safety Data Sheet for instructions on handling, storage and disposal. Do not release product or empty containers into the environment.

For PROFESSIONAL USE ONLY.

LEGAL NOTICE

The information and recommendations given above, although they correspond to our best experience, must in any case be considered purely indicative and must be confirmed by exhaustive practical applications. Therefore, before using the product, anyone who intends to make use of it must determine whether it is or is not suitable for the intended application and, in any case, assumes all responsibility that may arise from its use. Always refer to the latest updated version of the technical data sheet, available on the website btechitalia.eu.

Date 15/10/2025