

TOTALPRIMER NS 44

TWO-COMPONENT EPOXY PRIMER SUITABLE FOR
ALL SURFACES

DESCRIPTION

Special epoxy-based primer with exceptional adhesion to concrete, carbon steel, aluminium, galvanised steel, ceramic materials, wood, etc.

FIELDS OF USE

TOTALPRIMER NS 44 is a neutral-coloured bonding primer that is extremely versatile and offers high adhesion to all non-porous surfaces, and onto which any type of resin can be applied.

PACKAGING

Comp. A = 5 kg metal can
Comp. B = 1,25 kg metal can

or

Comp. A = 10 kg metal can
Comp. B = 2,5 kg metal can

CONSUMPTION

0,2 kg/m² per coat

MIXING RATIO

Comp. A : Comp. B = 100 : 25

FEATURES AND BENEFITS

- High adhesive strength;
- Can be overcoated after a long period with any coating, subject to proper preparation;
- Easy to apply by brush, roller and airless spray (180 bar, 26–31 mm nozzle);
- Can be applied starting from +8°C;
- Operating temperatures from –25°C to +110°C (in air);
- Can be pigmented with a suitable colour paste.

CERTIFICATIONS

complies with the UNI EN 13813 standard: screed materials (DoP No. 470).

ISO 9001 certified quality management system (Certificate No. IT.17.0227.01.QMS).

APSE S.r.l. is an active member of CONPAVIPER.



SUBSTRATE PREPARATION

Clean the substrate of dust, oil, grease, mud, loose particles, paint and anything else that might impair adhesion.

Depending on the type of substrate, proceed as described below:

- **Carbon steel:** sandblasting to SA2½ standard.
- **Galvanised steel and aluminium:** clean with solvent-based detergents; brush oxidised surfaces.
- **Concrete, cement, ceramics, tiles, stoneware:** thorough cleaning using suitable detergents and sandblasting or shot blasting.

PRODUCT PREPARATION

TOTALPRIMER NS 44 is a two-component, pre-measured primer. To prepare the product, proceed as follows: pour component B into the container for component A and mix the two components thoroughly using a low-speed drill until a smooth, lump-free mixture is obtained.

METHOD OF APPLICATION

TOTALPRIMER NS 44 should be applied by brush, roller or airless spray, either undiluted or diluted with 5–10% DILUEPOX thinner, at a consumption rate of 200 g/m².

For airless application, use 0.026"–0.031" nozzles at a pressure of at least 180 bar.

When applying to vertical surfaces, avoid sagging and do not exceed the specified consumption. Avoid applying too thick a coat.

CURING

For drying and curing times (at 20°C), refer to the table below.

Pot-life	2 hours
Overcoating	Min. 20 hours Max. 7 days
Full cure	7 days

CLEANING OF TOOLS

Tools used for preparing and applying TOTALPRIMER NS 44 must be cleaned immediately after use with DILUEPOX. Once the product has cured, it can only be removed mechanically.

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HEALTH AND SAFETY

For information on safety regulations, hazard statements and cautionary advice, rely on the latest MSDS by making a request at:

ufficiotecnico@apsebg.it

WARNINGS

Do not use if the container is damaged.
Not suitable for use on polyurethane rubber, Teflon, etc.

STORAGE

Shelf life of 12 months when stored in original packaging in a cool, moisture-free place.
Store at temperatures between +5°C and +25°C.

DISPOSAL

Dispose of contents and/or container in accordance with local regulations.

PRODUCT TECHNICAL DATA

PHYSICAL CHARACTERISTICS OF THE MIXTURE (at +20°C)

CHARACTERISTICS	STANDARD	RESULT
Colour	-	Neutral colourless
Consistency of the mixture	-	Liquid
Specific gravity	EN ISO 2811-1	1.45 ± 0.05 g/cm ³
Dry residue	EN ISO 3251	100% by weight

PRODUCT PERFORMANCE ACCORDING TO UNI EN 13813

CHARACTERISTICS	STANDARD	RESULT
Adhesive strength	EN 13892-8	≥ 3,0 N/mm ²
Reaction to fire	EN 13501-1	F _{fl}

The above data are information obtained based on our best technical knowledge, application, and research experience. However, since we are unable to intervene directly in site conditions and work execution, they represent general indications that do not bind APSE S.r.l. in any way. - V&V Group. The information given does not relieve the purchaser of his responsibility to personally test our products as to their suitability with regard to their intended use. The customer is also responsible for verifying that this data sheet is valid for the batch of product of interest to him and is not outdated as superseded by later editions. If in doubt, contact our Technical Department in advance. APSE S.r.l. - V&V Group reserves the right to make technical changes of any kind without prior notice. This revision cancels and supersedes all previous ones, all under the continuous verification of data according to the new current Standards and our ISO 9001 management system.
Please be sure to check the most up-to-date version of this Data Sheet on our website: www.apse.it

