



Polylux AQ

Let's shine

Transparent water-based polyurethane finish,
two-component, non-yellowing

CHARACTERISTICS

POLYLUX AQ is a transparent water-based polyurethane finish, two-component, non-yellowing, available in matte or glossy effect. It has high abrasion resistance, good resistance to chemical agents, and is easy to clean and maintain. Available in 20 gloss (matte finish) and 70 gloss (glossy finish).

POLYLUX AQ is particularly suitable as a dustproof treatment for indoor floorings such as garages, warehouses, basements, etc., as a protective finish for decorative floorings and coatings, for self-leveling floorings, and as a protective finish for cementitious, epoxy, and polyurethane floorings.

HOW TO USE

PREPARATION OF THE SUBSTRATE: the substrates to be coated must be sound, dry, free from loose parts, dust, dirt, grease, oil, and any other material that may affect the adhesion of the product to the substrate. Before applying the treatment, it is always necessary to carefully sand the surface, followed by vacuuming to remove residual dust.

PREPARATION OF THE PRODUCT: mix the two components separately, then pour the content of component B into component A and homogenize the mixture with a low-speed electric mixer for a few minutes until completely homogeneous. Only mix the quantities that can be used within the maximum working time.

If a non-slip finish is desired, it is necessary to add specific micrometric fillers, under continuous mixing, at a ratio of 5-10% by weight.

APPLICATION: the mixed product can be applied using a short nap roller. To achieve a better aesthetic effect, it is recommended to apply the product in two cross coats, taking care not to exceed the recommended dosage.

Let's shine

is a line:

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Components **A + B**

for glossy finish

A 5 kg + **B** 1 kg

for opaque finish

A 2,5 kg + **B** 0,5 kg

Apply **POLYLUX AQ** within 48 hours after applying epoxy and polyurethane coatings at a temperature of +20°C. If necessary (first impregnation coat), the product can be diluted with water at a ratio of 5%.

Applicable from +5°C to +35°C. Do not apply directly to highly absorbent surfaces. Do not apply the product in thick coats.

APPLICATION DATA (at 23°C and 50%U.R.)

Dried film thickness (two coats):	60µm
Working time at +20°C	1 hour
Application temperature	from +8°C to +35°C
Initial setting time	2 hours
Pedestrian traffic	24 hours
Maximum recoat time	+10°C+20°C < 48 h < 24 h

INDICATIVE COVERAGE

Approximately 120 g/m² per coat, depending on the characteristics of the substrate. Rougher surfaces and lower temperatures increase consumption and prolong the product's curing time.

STORAGE

The product has a shelf life of 12 months from the delivery note date, provided it is stored indoors, in sealed packaging, protected from heat sources and freezing, at a temperature between +5°C and 30°C. If the material has been stored beyond the recommended storage stability duration, it may not necessarily be unusable, but a qualitative check on the application-related characteristics should be carried out beforehand..

LIMITS OF RESPONSIBILITY

We decline all responsibility for work and damage which might result from improper or incorrect use of the product. The indications supplied with our product specifications and instructions for use are the results of accurate laboratory tests and experience in the field. However, as it is not possible to forward other evidence, when the products are used, these indications shall not be binding and do not imply liability on our part. As well as following good working practices, before applying the product we recommend you read the safety recommendations and the directions on the package. For the best professional results, it is advised to test a small area first, for compatibility with the surface to treat and the desired effect. This preliminary testing is also useful to determine the consumption according to the characteristics of the material the product will be used for and to the type of processing. The reproduction, even partial of this product sheet is forbidden. The data refer to the standards in force at the time of printing, 2013. The company reserves the right to make any changes without notice.

PRODUCT FOR PROFESSIONAL USE

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