QUICK•STEP® LIVYN ADHESIVE

LIVYN

Product:
LIVYN ADHESIVE is a solvent-free, dispersion adhesive. Suitable for bonding of QUICK-STEP LIVYN onto suitable porous indoor subfloors & dry area walls.

Technical data:

Base	Acrylic
Curing system	Physical drying
Consistency Colour Density (DIN 53479) Brookfield viscosity (Brookfield RVT 6/10) Open time at 21°C and 50% R.H. Waiting time at 21°C and 50% R.H. Set to load bearing	Paste white Approx. 1,30 g/cm³ Approx. 200.000 –250.000 mPa.s. Approx. 30 – 50 minutes Approx. 10 – 20 minutes Min. 24 hrs
Temperature resistance	-20°C to +70°C (cured)
Application rate	Depending on the subfloor 250 - 350 g/m² by use of notched trowel A2

* This varies according to ambient conditions such as temperature, humidity, substrate etc.

Characteristics:
- Hard-elastic bond
- High end-strength
- Very easy to apply
- Forms stable peaks once applied by a notched trowel or spreader comb
- Low consumption/m²
- Very low emission
- Solvent-free

Applications:
LIVYN ADHESIVE is suitable for indoor bonding of LIVYN floor covering as well as homogeneous and heterogeneous PVC floor covering, polyolefin and rubber flooring up to 2.5mm.
Suitable for indoor use on smooth and well absorbing subfloors.
LIVYN ADHESIVE is also suitable to install Livyn glue down floor covering to dry area walls.
Read the extra manual if you are interested in vertical installation of your Livyn product. This should always be done by a professional installer.

Description:
LIVYN ADHESIVE cures by means of evaporation of water from the adhesive. Fully cured (approx. 24 hrs. at 21°C and 50% RH) a hard-elastic and a non-shrinkable adhesive layer is formed, which is resistant to normal deformation of PVC floor covering by influence of atmospheric humidity and temperature. The adhesive has excellent adhesion to practically all common porous substrates.

Shelf-life:
24 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°.

Subfloor:
LIVYN ADHESIVE should be applied to an even, dry, clean, sound and smooth substrate, in accordance with DIN18365, which is also free from irregularities and cracks.

Rests of old adhesives etc. may affect the adhesion and will be visible through the floor covering and therefore must be removed mechanically. Loose or damaged surfaces must be repaired before the application of the adhesive using a suitable smoothing compound.
Surfaces of (concrete) subfloors that are not solid are preferably removed. In case of uneven subfloors apply a suitable smoothing compound.

Powdery surface can be treated (after consulting Soudal Technical service +32 14-42.42.31) with **Soudal WBPR-21 Deep Primer.**
Very porous surfaces can be treated (after consulting our technical service) with **Soudal WBPR-11 Surface Primer.**

Smooth surfaces like anhydrite should be roughened and disposed of the top layer. Sanded subfloor must be vacuum cleaned with an industrial vacuum cleaner.

A preliminary compatibility test is recommended on every surface.

Applying the adhesive:
LIVYN ADHESIVE should be acclimatised to room temperature before installation.
Apply the adhesive to the surface by means of notched trowel A2. Do not apply more adhesive to the surface then can be covered with LIVYN within the open time.
Place LIVYN within 10 to 20 minutes in the still semi-wet adhesive layer and roll with a heavy roller (> 50kg). Depending on the circumstances roll edges and joint areas again after 20 to 30 minutes.
For applications on walls, let the glue rest a bit longer until strands can form (after pushing it with your thumb and pulling it away, some lines of glue stick to your thumb).

Uncured LIVYN ADHESIVE may be removed from tools and parquet with lukewarm water. Cured adhesive must be removed mechanically.

Recommendations:
- Never install to substrates, which are not protected against possible rising damp.
- Do not apply the adhesive at temperatures below 15°C or above 25°C
- Minimum temperature of the substrate should be at least 15°C.
- Do not apply the adhesive when the relative humidity is above 75%.
- Low temperatures and high relative humidity extend the setting and drying time.
- Do not install if the walls and ceilings of the area are not dry (e.g. after plastering or painting etc.)
- Do not dilute the adhesive.
- Corrections have to be made within 10 minutes
- Not for outdoor applications

Health and safety recommendations:
Apply the usual industrial hygiene precautions.
Consult the label for more information.

