



STIX A511 COMBI AIR

LIGHT WEIGHT WALL AND FLOOR ADHESIVE

2024-04-10

BENEFITS/CHARACTERISTICS

- ✓ Good environmental choice, M1 and EC1+
- ✓ Light weight
- ✓ Easy to apply with a trowel or roller
- ✓ Good adhesion properties with high initial tack and long open time
- ✓ Wide area of application - wall and floors



AREA OF APPLICATION

PRODUCT DESCRIPTION

STIX A511 COMBI AIR is a light weight, water based floor and wall adhesive with a wide range of applications suitable for the most common flooring materials. Very good wet adhesion and adhesive bonding properties, and high initial tack with quick strength growth. Environmentally friendly with low emission values, compliant with emission class EC1 Plus and M1.

USES

For adhesion of flooring and wall materials in dry and wet areas indoors. Suitable for commercial buildings as well as residential properties. The product's good application properties also make it suitable for projects involving larger areas. Suitable for areas with underfloor heating and wheelchair use.

Recommended materials:

- ✓ Textile plates
- ✓ Soft vinyl flooring (with or without backing)
- ✓ PVC free materials
- ✓ Rubber (up to 3.5 mm)
- ✓ Linoleum with plastic backing
- ✓ Textile carpeting with plastic backing
- ✓ Wall - wet room coverings with PVC layer thicker than 0.6 mm

PRODUCT APPLICATION

ART.NO	PACK SIZE	VOLUME	EAN
30626064	10 L	11 kg	7311020082796
30627508	5 L	5,5 kg	7311020083083
30627507	1 L	1,1 kg	7311020083076

PRODUCT CHARACTERISTICS

Colour	White
Density	1.11 kg/litre
Binder	Polymer dispersion of acrylate type
Adhesion time*	Wet adhesion: approx. 0-30 min Adhesive bonding: 30-60 min
Open time*	PVC: 60 min Rubber: 30 min
Walkable	12 hours
Curing time	24 to 48 hours
Coverage	Approx. 4 m ² /L
Working conditions	Temperature at least +15°C. The best results are achieved at a temperature of around 20°C with around 60% RH.
Storage/shelf life	12 months at +10 to +20°C. Protect against frost.

* These values are measured at +23°C with 50% relative humidity on a normally absorbent surface. These values may deviate from the above depending on the surface and temperature.



APPLICATION INSTRUCTIONS

PREPARING THE SURFACE

Always follow the flooring manufacturer's directions. The information below is only intended as supplementary information regarding the actual adhesion process. The surface must be clean, flat, strong and free of dust, dirt, glue residue and old paint. If you need to level out the surface, we recommend that you use a Bostik floor compound intended for the purpose. For adhesion to concrete surfaces, the moisture content must not exceed the maximum values specified in AMA Hus. The adhesive, floor/wall covering and substrate should have a temperature of at least +15°C. The relative humidity (RH) in the substrate must not exceed 85% for concrete and 8-12% for chipboard. For non-absorbent surfaces such as high-performance concrete, we recommend application of at least a 10 mm thick layer of Bostik floor compound.

APPLICATION METHOD

FLOOR ADHESION:

Wet adhesion: Adhesion to an absorbent surface, concrete, levelling compound and chipboard. 1. Stir the adhesive well. 2. Spread the adhesive onto the floor with a toothed trowel. The glue line should be 2-3 mm in height. 3. Place the flooring material directly onto the wet adhesive or, if a stronger grab is desired, the adhesion time can be extended to around 20-30 minutes. 4. Work the flooring material thoroughly into the adhesive, and press out any air pockets. For the best results we recommend the use of a floor roller. 5. Make sure that there is good tack between the adhesive and the flooring material.

Adhesive bonding: Adhesion to non-absorbent surfaces with dense coatings. For the best results we recommend filling the floor with 2-3 mm of levelling compound (allow the filler to dry completely). The adhesion process can then be performed in accordance with the recommendation for absorbent surfaces. 1. Stir the adhesive well. 2. Apply the adhesive to the substrate with a toothed trowel (if the coating is very dense). Waiting time approx. 30-60 min. 4. Alternatively: Place the flooring material onto the wet adhesive and then pull it up and allow it to air for 20-30 minutes. 5. PLEASE NOTE: For adhesive bonding it is important to work the coating in very thoroughly to achieve the best possible adhesion. For the best results we recommend the use of a floor roller. 6. Make sure that there is good tack between the adhesive and the flooring material.

WALL ADHESION:

PLEASE NOTE: Wet adhesion must always be used for wall coverings. Make sure that the wall is clean, strong, absorbent and free of dust. 1. Stir the adhesive well. 2. Apply the adhesive evenly onto the wall with a perlon roller. Only roll an area of a size that can be covered within about 30 minutes, depending on the absorbent capacity of the surface and the temperature and humidity. 3. Attach the wall covering onto the wet adhesive on an absorbent surface. For an extremely absorbent surface, prime the surface with diluted adhesive 1:4. 4. Install the wall covering either horizontally or vertically according to the manufacturer's directions. 5. Work in the wall covering very thoroughly so that all air is pressed out.

COVERAGE

3-6 m²/L depending on the surface and choice of application method.

BACKING	TROWEL	COVERAGE
Smooth backing – non-absorbent surface	Size A4	Trowel size A4
Smooth backing – absorbent surface	Size A2	Approx. 4-5 m ² /L
Less smooth backing	Size B1	Approx. 4-4.5 m ² /L

STORAGE/SHELF LIFE

12 months in a dry, cool location in unopened packaging at a storage temperature between +10 to +20°C. The product should be stored frost-free.

CLEANING

With water before the adhesive has dried. Dried adhesive can be removed mechanically or with white spirit.

SAFETY

A safety data sheet is available on request. Always have the packaging or label at hand if you need to seek medical care. Keep the product out of the reach of children. If the adhesive comes into contact with your eyes, immediately rinse your eyes with water. If the adhesive comes into contact with your skin, wash your skin with soap and water. www.bostik.se

LIABILITY

Disclaimer: The technical data we report, as well as our instructions and recommendations, are all based on a variety of tests and on our experience. They are intended to help the user achieve the best possible results. As the conditions at the user's premises are beyond our control, we cannot accept any liability for the results achieved when using the product.

BOSTIKSERVICE

info.se@bostik.com
www.bostik.se

