

Green Fix

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Technical data

Basis	SMX Hybrid Polymer
Consistency	Stable paste
Curing system	Moisture curing
Curing speed * (20°C / 65% R.H.)	3 mm/24h → 4 mm/24h
Hardness	60 ± 5 Shore A
Density	1,84 g/ml
Max. tension (DIN 53504)	3,00 N/mm ²
Elongation at break (DIN 53504)	100 %
Walkable after	24 - 48h
Open time (*)	Ca. 15 min.
Adjustable until	Ca. 5 min
Temperature resistance	-40 °C → 90 °C
Application temperature	15 °C → 35 °C

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Product description

SODAL Green Fix is a high strength all weather adhesive based on SMX Hybrid Polymer suitable for bonding artificial grass onto most substrates (except PE, PP, PTFE and bitumen). Suitable for outdoor and indoor use.

Properties

- Green coloured adhesive
- Excellent adhesion on nearly all surfaces, even if slightly moist.
- Permanently elastic after curing
- Easy to apply

Applications

- Suitable for bonding artificial grass onto most substrates (except PE, PP, PTFE and bitumen).
- Not suitable for professional sports fields

Packaging

Colour: green

Packaging: 290 ml cartridge

Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Chemical resistance

Good resistance to (salt)water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis.

Substrates

Substrates: all usual building substrates, glass, treated wood, PVC, plastics, metals, stone, concrete, ... Not suitable for PE, PP, PTFE and bitumen

Nature: clean, free of dust and grease.

Surface preparation: Porous surfaces in water loaded applications should be primed with Primer 150. All smooth surfaces can be treated with Soudal Surface Activator.

NOTICE: bonding plastics like PMMA (e.g. Plexi® glass), polycarbonate (e.g. Makrolon® or Lexan®) in stress loaded applications can give rise to stress cracking and crazing in these substrates. The use of Green Fix is not recommended in these applications.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Application method

Application method: With manual- or pneumatic caulking gun.

Cleaning: Clean with Soudal Surface Cleaner or with Soudal Swipex, immediately after use Cured Green Fix can only be removed mechanically.

Finishing: With a soapy solution or Soudal Finishing Solution before skinning.

Repair: With the same material

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label for more information.

Remarks

- Given the great diversity of possible surfaces and Artificial turf backings it is recommended to do an adhesion test on both substrates prior to application.
- Apply sufficient adhesive: In beads with a minimum thickness of 10 to 15mm. Distance between the adhesive beads of about 2-3 cm and a min. Width of 20 cm to be glued on the edge of the artificial turf. At the seams, we recommend gluing a minimum width of 15cm and with a minimum of 7,5 cm under each side. After gluing press down sufficiently long.
- Do not use in applications where continuous water immersion is possible.
- As required by most of the artificial turf manufacturers, we also recommend to additional mechanical fixate the edges of the turf field, especially in places with high load or circulation of people, to provide an additional security.
- Green Fix is not suitable for use on natural stone, can cause discoloration.

Environmental clauses

Lead regulation:

Green Fix conforms to the requirements of LEED. Low –Emitting Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED® 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC-content.

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