

Code	Description	Size	Colour
20318	Gorilla Green Fix	290ml	Green

1. Description

Gorilla Green Fix is a high strength all weather adhesive based on MS Polymer technologies suitable for the bonding of artificial grass onto many different substrates. Suitable for both internal and external use.

2. Characteristics

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

3. Technical Data

Base:	MS Polymer
Consistency:	Stable Paste
Curing System:	Moisture Cure
Curing Rate: (20°C/65% R.V.)	3mm → 4mm/24h
Hardness: (DIN 53505)	60 ± 5 Shore A
Specific Gravity: (DIN 53479)	1,84 g/ml
Tear Strength: (DIN 53504)	3,00 N/mm ²
Elongation at Break: (DIN 53504)	100%
Open Time:	Ca. 15min
Adjustable Until: (20°C/65% R.V.)	Ca. 5 min.
Temperature Resistance:	-40°C until +90°C (fully cured)
Application Temperature	5°C – 35°C
VOC (g/litre)	10g/litre

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

4. Applications

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

5. Packaging

290ml cartridge

6. Shelf Life

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

7. Application Instructions

Surfaces

Type: All usual building surfaces such as fibreglass, pre-treated timber, PVC, metals, concrete, stone, etc.
Good resistance to (salt)water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis.

State: Surfaces should be clean and free of dust and grease.
Preparation: Porous surfaces should be primed with Gorilla Primer 150 (especially where in loaded water situations) and Gorilla 696 Surface Activator may be used on non-porous surfaces.
Due to the range of substrates on the market recommend preliminary compatibility tests prior to commencement of application.

Application

Method: Manual or pneumatic caulking gun
Application temperature: +5°C until +35°C
Clean: Gorilla Solvent Cleaner immediately after application and before curing
Finish: With soapy solution before skin formation
Repair: Gorilla Green Fix

METHODOLOGY

1. 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.
2. 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.
3. Do not use in applications where continuous water immersion is possible.
4. 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.

Application Limitations

Gorilla Green Fix is not suitable for use on natural stone, as can cause discolouration.

Gorilla Green Fix can be applied to a wide variety of substrates. Due to the fact that specific substrates such as metals, plastics, polycarbonate, etc may differ from manufacturer to manufacturer, we recommend preliminary compatibility tests.

Do not use in applications where continuous water immersion is possible.

Bonding plastics like PMMA (ie: Plexi® Glass), polycarbonate (ie Makrolon® or Lexan®) in stress loaded applications can give rise to stress cracking and crazing in these substrates. The use of Gorilla Green Fix is not recommended in these applications.

Gorilla Green Fix is not suitable for the following material types, PE, PP, PTFE, and bituminous substrates, copper or copper containing materials (Copper, Brass, Zinc-Bronze).

Soudal recommends preliminary compatibility tests on surfaces on which MS Polymers have not been applied previously.

9. Health and Safety Recommendation

- Apply the usual industrial hygiene.

Remark

*The directives and data contained in this documentation is provided in good faith and accurately reflect Soudal's knowledge when its products are properly stored, handled and applied under normal conditions in accordance with Soudal's recommendations. In practice, the diversity of the materials, substrates, environments, site conditions, product storage, handling and application are such that no warranty can be given in respect to the merchantability or fit for purpose, of any product. All users must determine the product suitability for their purposes through testing. This technical data sheet and product properties may change without notice so users, suppliers and retailers of Soudal products should always check that the data sheets they have are the latest. To the maximum extent permitted by law, Soudal disclaims all warranties in relation to either the manufacture, storage and end use of the product. All orders are accepted subject to our current terms of trade. **If any clarification is required, please contact Soudal Technical Services or email sales@soudal.co.nz.***

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