

MasterJoint 924

A waterproof, elastic strip, covered on both sides with non-woven fabric to ensure optimal impregnation by the products in the MasterShield WP range.

Material description

MasterJoint 924 is a grey thermoplastic elastomer strip, with both sides covered in polypropylene non-woven fabric to allow for optimal impregnation when using waterproofing products from the **MasterShield WP** range and ensuring high resistance to ageing.

Main uses

The **MasterJoint 924** elastic strip is mainly used in **MasterShield WP** elastic waterproofing systems for treating joints, cracks and floor-to-wall junctions.

Features

- Easy to apply.
- It exhibits **crack-bridging ability** and high tensile strength.
- It is **waterproof**.
- EMICODE emissions class: EC I PLUS.
- VOC Regulation: Level A+.

Consumption

Depending on the length of the joint to be treated, a recommended overlap of 20 cm, and never less than 50 mm, should be observed for longitudinal joints.

Packaging and storage

MasterJoint 924 is available in 50-metre rolls, 120 mm wide. Keep the product in its original packaging in a dry, protected location at a temperature between +5°C and +25°C. Under the above conditions, the product has a shelf life of 24 months.

Preparation and method of application

Preparing the substrates

- The concrete surface to be coated with **MasterJoint 924** must be perfectly clean, solid, without degraded, loose or detached parts, without irregularities that could compromise the application of the product, and free of cement laitance, traces of release agents, or any substance that could affect the adhesion of the product to the substrate.
- Once the above has been verified, you can proceed according to the possible scenarios described below:
 - If it is not necessary to restore degraded areas or repair surface irregularities, the substrate must still be made slightly rough by sandblasting, hydro-sandblasting or high-pressure washing.
 - If, on the other hand, the substrate has slight irregularities or is slightly uneven, these must be repaired, after adequate treatment and saturation of the dry substrate surface with water, using fine-grained cortical repair mortars from the **MasterCrete** range.
 - If the substrate shows deterioration with thicknesses to be restored exceeding 1 cm and any exposed reinforcement rods, the latter must be treated with the **MasterCrete** range passivating mortar, while the appropriate **MasterCrete** line product must be used for the volume to be restored, depending on the nature of the work.
- Before applying **MasterJoint 924**, make sure that the substrate is free of dust and any substances that could impair adhesion, and select the waterproofing product to be used to impregnate the non-woven fabric layer of **MasterJoint 924** taking the moisture conditions of the substrate into account.

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Preparing the strip

Cut a length of the **MasterJoint 924** strip sufficient to cover the joint. The cut must allow for a longitudinal overlap between strips or special sections, such as those at corners and around drainage points; the recommended overlap is 20 cm, with a minimum of 50 mm.

Installation

Apply a coat of the chosen **MasterShield WP** elastic waterproofing cementitious coating to the surface to be treated; then unroll the **MasterJoint 924** tape onto the still-wet material, immediately applying light pressure with your hands to ensure it adheres fully to the surface. Please do not apply excessive pressure, as this may cause the strip to come into contact with the surface, thereby reducing its adhesion.

While the first coat is still wet, apply a second layer of waterproofing coating to the strip.

In the case of construction/expansion joints where movement of the two flaps is expected, it is recommended to leave the **MasterJoint 924** strip inverted so as not to place excessive stress on the strip itself.

The **MasterJoint 924** strip can be joined lengthwise simply by bonding it in the overlap area over a recommended length of 20 cm (always using the same waterproofing membrane) and never less than 50 mm.

Ageing and maturation

Please refer to the technical data sheet for the **MasterShield WP** waterproofing product selected.

Application temperatures

Application environment temperature needs to be between +5°C and +40°C.

Warnings

- Do not apply directly on plaster, crumbly, mixed or painted surfaces.
- Due to the raw materials used in the manufacturing process, the colour of the material may vary depending on the production batch.

Technical data

Product identification data	
Packaging	25-metre roll
Colour	Grey
Product width	120 mm
Product thickness	0.66 mm
Product weight	364 g/m ²
Operating temperature: min / max	-30°C / +90°C

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Performance

Feature	Test method	Regulatory requirement	Product performance
Longitudinal tensile strength	DIN EN ISO 527-3	none	120 N / 15 mm
Transverse tensile strength	DIN EN ISO 527-3	none	25 N / 15 mm
Longitudinal tensile strength	DIN EN ISO 527-3	none	70%
Transverse tensile strength	DIN EN ISO 527-3	none	300%
Resistance to water pressure	DIN EN 1928 (Version B)	none	≥ 1.5 bar

Safety instructions

For guidance on the correct and safe use, transport, storage and disposal of the product, please see the latest Safety Data Sheet (SDS).

Scan QR code to visit the product page and download the latest version of this technical sheet and any additional documentation.



Other services

For additional technical information, brochures, references, technical reports and technical assistance please visit www.master-builders-solutions.com/it-it or alternatively contact infomac@masterbuilders.com.

Disclaimer

Since 16/12/1992, Master Builders Solutions Italia Spa has been operating under a Certified Quality System compliant with the UNI EN ISO 9001 Standard. Furthermore, the Environmental Management System is certified according to the UNI EN ISO 14001 Standard and the Safety Management System is certified according to the UNI ISO 45001 Standard.

For further information, please consult the local Technician of Master Builders Solutions. The technical advice on how to use our products, either written or verbally given, are based on the current state of our scientific and practical expertise, and does not imply the assumption of any guarantee and/or responsibility for the final results of works executed using our products.

Therefore, the customer is not exempted from the exclusive task and responsibility of verifying the suitability of our products for the intended use and purposes. This version supersedes all the previous ones.

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