

Curry
Roofing

Rubber Membranes

We have you Covered

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RESITRIX[®]

WATERPROOFING MEMBRANES

SR

Grey and self-adhesive for light coloured roofs

Rapid Installation –
Sealed for Life



Well-proven with tens of millions of square metres already successfully installed worldwide

RESITRIX[®] SR is a light grey coloured, heat-weldable and glass-reinforced, composite rubber membrane with an EPDM core. The underside of the grey membrane is coated with self-adhesive polymer modified bitumen, with a release film.

- / Life expectancy of many decades
- / New aesthetic design options
- / Solar reflective properties
- / Single layer application
- / Fully elastic and highly flexible down to -30°C
- / No Shattering-Effect
- / Resistant to the effects of ozone, UV and infrared radiation without additional surface protection
- / Resistant to a wide range of environmental chemicals and atmospheric emissions
- / Bitumen compatible
- / Contains no chlorine or plasticisers
- / Highly slip resistant even when wet

- / No shrinkage throughout the entire service life
- / Recyclable
- / CE certification according to DIN EN 13956 and DIN EN 13967

Variable application methods:

- / Self-adhesive application on surfaces fully primed with FG 35 primer
- / Self-adhesive application on surfaces partly primed with FG 35 primer
- / Application without FG 35 primer, with additional mechanical fastenings (incl. provisional bonding)

Please consult the RESITRIX[®] Installation Guidelines and the RESITRIX[®] technical department for detailing and application instructions.

Material Properties

Thickness:	2,5 mm ± 10%	Width:	1000 mm (Strips upon request)
Weight per unit area:	ca. 2,75 kg / m ²	Shelf life:	12 months in originally packed state
Length:	10 m		

Physical values

Test criterion	Required value	Actual Value
Tensile strength to DIN EN 12311-2	longitudinal: ≥ 250 N/50 mm transverse: ≥ 200 N/50 mm	361 N/50 mm 333 N/50 mm
Elongation at break to DIN EN 12311-2	longitudinal: ≥ 300% transverse: ≥ 300%	600% 600%
Dimensional stability after 6 hours at 80°C to DIN EN 1107-2	longitudinal: ≤ 0,5% transverse: ≤ 0,5%	+ 0,1 % + 0,2 %
Cold bending test at -30°C to DIN EN 1109 / DIN EN 495-5	no cracking	no cracking
Ozone resistance after 14 days in water to DIN EN 1844	Grade 0	Grade 0
Joints / Peel strength to DIN EN 12316-2 / Shear strength to DIN EN 12317-2	≥ 80 N/50 mm ≥ 200 N/50 mm	140 N/50 mm 570 N/50 mm
Water vapour diffusion resistance index (μ) to DIN EN 1931		approx. 58,000
Fire behaviour to DIN 4102, Part 1	B2	B2
Reaction to fire to DIN EN 13501, Part 1	Class E	Class E
Fire behaviour to DIN 4102, Part 7 and DIN EN 1187	resistant to flying sparks and radiating heat	resistant to flying sparks and radiating heat



The information in this publication is based on our experience and test results and is correct to the best of our knowledge and belief at the time of printing. No claims for compensation may be derived from it. We reserve the right to make improvements to our product range, in accordance with our high standards in relation to technical advancement and the progression of quality.



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RESITRIX[®]

WATERPROOFING MEMBRANES



Rapid Installation –
Sealed for Life

RESITRIX® Rapid Installation – Sealed for Life

Permanently flexible
and highly resistant to UV
and the effects of
weather due to the
cross-linked molecular structure
of RESITRIX®



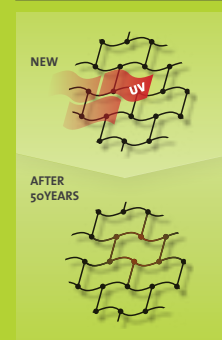
RESITRIX® MATERIAL PROPERTIES

Highly elastic and completely resistant to UV, Infra Red and extreme weather conditions



MATERIAL COMPOSITION

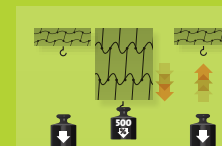
Waterproofing membranes can only ever be as good as the materials from which they are made. Highly flexible RESITRIX® single-ply membranes combine all the advantages of polymer modified bitumen with the excellent properties of EPDM. This totally unique, patented material composition of RESITRIX® guarantees a life-long seal, whilst allowing very fast, simple and secure installation.



EFFECTS OF SUNLIGHT AND WEATHER

A RESITRIX® roof can permanently withstand the most diverse weather conditions, hostile atmospheric influences and extreme variations in temperature. The synthetic rubber EPDM upper surface of the RESITRIX® membrane is manufactured with a highly stable, cross-linked molecular structure, which makes RESITRIX® completely unaffected by UV, weathering and atmospheric influences of any kind: Wind, rain, sunlight, heat, cold and freeze/thaw cycles, have no effect on the waterproofing membranes, making RESITRIX® the most durable and reliable material solution for your roof. RESITRIX® is highly resistant to ageing and maintains its outstanding properties throughout its entire service life.

In 1963, messrs. Natta and Ziegler were awarded the Nobel Prize for their success in developing the method and process for the industrial production of EPDM. This made it possible to use this highly resistant material for the weather exposed layer of RESITRIX®.



TENSILE STRESS

Due to its cross-linked molecular structure, RESITRIX® is extremely flexible. The material retains a tear elongation factor of 500% and still returns completely to its original dimensions. Thus RESITRIX® is capable of withstanding a lifetime of the most extreme mechanical stress and tensile strains, to which flat roofs are typically exposed.



LIFE EXPECTANCY

RESITRIX®-waterproofing membranes have proven their superior quality, versatility and ease of installation for more than 35 years. During this time, over 50 million square metres have been successfully installed worldwide, including at the most exposed locations and latitudes.

In a comprehensive long-term study, the SKZ Test Centre in Würzburg, the institute designated by the European Union for testing waterproofing membranes, has verified that RESITRIX® has a Life Expectancy in service, greater than 50 years – more than double that of a normal roof. In addition, RESITRIX® is the only product, where this study has also been completed on the welded laps.

SKZ

RESITRIX® AREAS OF APPLICATION

Installation in a wide variety of applications in all climates, on new buildings and refurbishments



INDUSTRIAL BUILDINGS

- / 200 m² to 200,000 m²
- / Suitable for all structure types
- / Highly resistant to chemicals and environmental emissions



PUBLIC/COMMERCIAL BUILDINGS

- / Low maintenance intervals
- / Permanently outstanding appearance
- / Suitable for almost every type of substrate



PRIVATE HOUSING

- / For flat or pitched roofs
- / Also on balconies, dormers, garages and workshops
- / No maintenance required
- / Lasts for a lifetime



GREEN ROOFS

- / For extensive and intensive roof vegetation projects
- / Carries FLL root-safe certification

RESITRIX® Service

In our RESITRIX® technical department, you have a reliable and experienced partner at your side who will support you with all applications, installation techniques and the specific requirements of your individual roofing project.

This includes individual on-site support, help with detailing, site inspections and reports, technical calculations, CAD-drawings and the preparation of specifications. Additionally we provide free training for roofing contractors when installing RESITRIX® and comprehensive on-site assistance during execution of the roofing work. Using our own in-house test laboratory, we can also offer wind uplift calculations and adhesion testing etc.

RESITRIX® INSTALLATION

Safe, simple and rapid installation



HOT-AIR WELDING

- / Permanently high-security welded laps
- / RESITRIX® can be installed with confidence after a short training session
- / Laps are welded with hot-air – no naked flames required
- / Temperature variations are eliminated as a potential source of error
- / Wide temperature 'window' for welding, 500°C - 620°C
- / Visible welding beads give instant confirmation and guarantee 100% reliable laps that are sealed for a lifetime



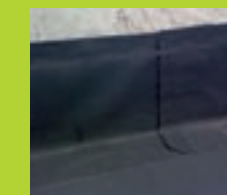
SUITABLE FOR VIRTUALLY EVERY SUBSTRATE TYPE (EXCLUDED)

- / Comprehensive chemical compatibility
- / The entire surface of the RESITRIX® sheet is weldable, not just the edges
- / Suitable for overlaying bituminous substrates
- / Detail flashings can be easily cut from the roll, to the required shape
- / No material wastage – all offcuts are reusable
- / Apart from the RESITRIX®, no additional accessories are needed



JUNCTIONS AND DETAILING

- / RESITRIX® is quick and easy to install, even at geometrically complex and demanding junctions
- / Flexible and comfortable handling with hot-air handgun
- / Individual detailed drawings available from RESITRIX® technical department
- / Range of pre-cut flashing components and patches available



NO SHRINKAGE

- / RESITRIX® is permanently dimensionally stable
- / No mechanical edge restraint required
- / No 'trampoline' effect
- / No dangerous additives, chlorine or plasticisers
- / No Shattering-effect

Environmental Credentials

We attach great importance to limiting environmental impact due to the manufacture (utilisation of resources and limitation of emissions) and use of RESITRIX®, throughout its entire life cycle. We therefore comply with ISO 14001 (environmental management systems) and all RESITRIX® waterproofing membranes are subject to external and internal monitoring in accordance with the requirements of the U.E.A.t.c. guidelines.

RESITRIX®: Rapid Installation – Sealed for Life

RESITRIX® PRODUCT RANGE

CL / PREFERABLY FOR PU-ADHESION

RESITRIX® CL

RESITRIX® CL is the classic EPDM waterproofing membrane for hot and cold bonding applications, preferably for PU-adhesion. For decades, it has consistently proven itself in practice, on tens of thousands of flat roofs.



SK / SELF-ADHESIVE SYSTEMS

RESITRIX® SK PARTIAL BOND

RESITRIX® SK PARTIAL BOND the 3-in-1 waterproofing membrane. RESITRIX® SK Partial Bond is a partially self-adhesive, heat-weldable EPDM waterproofing membrane, that allows permanent dissipation and equalisation of pressure. It is therefore particularly advantageous for substrates that are prone to movement or which contain residual moisture.



RESITRIX® SK W FULL BOND

RESITRIX® SK W FULL BOND is a fully adhesive and root resistant heat-weldable EPDM waterproofing membrane, which carries FLL root safe certification. RESITRIX® SK W Full Bond can be installed in a variety of applications, either fully exposed or beneath roof gardens and living roof systems.



MB / MECHANICALLY FIXED

RESITRIX® MB

RESITRIX® MB is a heat-weldable EPDM waterproofing membrane especially used for mechanically fixed applications. RESITRIX® MB complies fully with all requirements of FM Approval Standard Class No. 4470.



SR / GREY FOR LIGHT COLOURED ROOFS

RESITRIX® SR

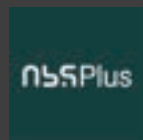
RESITRIX® SR is a light grey coloured, self-adhesive, hot-air weldable EPDM waterproofing membrane. Due to the grey colour, RESITRIX® SR offers new aesthetic design options and additionally has solar reflective properties.



For more information please visit

WWW.RESITRIX.COM

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YOU WILL FIND MORE INFORMATION AND THE INDIVIDUAL CONTACT DETAILS OF YOUR PERSONAL RESITRIX® CONTACT PERSON ON OUR WEBSITE. SIMPLY PHOTOGRAPH THE CODE ABOVE WITH THE QR-READER OF YOUR MOBILE PHONE.

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