

Product

Seal-it® 330 SPRAYSEAL is a durable, airtight, sprayable and brushable sealant and repair product for airtight and seamless sealing of connections, and protection and repair of building components, that is based on hybrid technology and moisture-cures into a durable rubber that retains its elasticity.

Applications

- Specially developed as a sprayable and brushable sealant for application of durable, airtight, seamless and elastic seals on material connections, cracks and seams between building components in buildings and homes.
- Seam sealing in the automobile and transport sector for repairs, including restoring damaged goods to their original structure.
- Protective spray for lasting protection of building components from ageing, UV, moisture and water loads, mechanical stress and corrosion.
- Perfectly suited for use as a waterproof coating as part of pretreatment of interior and exterior walls and of floors in sanitary spaces and other spaces with plumbing fixtures, before tiling.
- As an anti-drumming spray to reduce noise transfer from acoustic and/or mechanical vibrations.
- Seal seams, cracks and connections in metal structures, such as between panels, plates, pipes, strips, mouldings, bolts, nails, screws, welds, air ducts and other ducts.



Properties

- Sprayable and brushable in any desired coat thickness and surface texture.
- Broad bonding spectrum, without primer.
- Easy to apply with spray gun, easy to shape with a brush and/or roller.
- Durable curing hybrid spray system that retains its elasticity and offers a high deformation capacity.
- Versatile all-on-one product for insulation, sealing, protection and repair.
- Airtight from coat thicknesses of 2 mm and vapour-tight from 4 mm.
- High thermal insulation value, considerable reduction in energy consumption costs and unnecessary heat loss, thanks to complete and durable sealing of air leaks.
- Free of isocyanate, solvents and silicone.
- Excellently paintable with common paint systems and vehicle repair paints.
- Direct wet-on-wet spray application possible with a coating and/or lacquer.
- Adhesive-free, odourless, bubble-free and non-shrink fast-curing hybrid system.
- Sandable and grindable once fully cured.
- Non-corrosive to metals.
- Excellent impact and shock-resistance.
- Lasting resistance to UV, weather, water, moisture, chemicals and ageing.
- Excellent absorption of acoustic and mechanical vibrations.

Standard product line

Colour	12 x 290ml cartridge (blank)
Grey	BL-330-7100-290

Other colours and/or packaging on request.

Technical product data

Base			HYBRID
Density	g/ml		1.56
Skin formation time	min.	23°C/55% RH	16
Cures in 24 hours	mm	23°C/55% RH	+/- 2
Contraction			None
Permissible deformation	%		25
Temperature resistance once fully cured	°C		-40/+100
Mechanical values		2mm film	
Shore A hardness		DIN 53505	40
Modulus at 100%	MPa	DIN 53504	0.75
Tensile strength	MPa	DIN 53504	1.20
Stretch at breaking point	%	DIN 53504	400



Shelf life

In unopened original packaging, stored in a cool dry place between +5°C and +25°C, the product will last up to 15 months after the production date.

Application conditions

- Application temperature (ambient and surface) between +5°C and +40°C.
- On clean, uncontaminated, compatible, stable, grease-free and dust-free surfaces.
- Use a hard brush to remove any loose particles from the surface.
- Degrease the surface properly using Seal-it® 510 CLEANER.
- Seal-it® 330 SPRAYSEAL has a broad bonding spectrum, but highly porous surfaces should be pre-treated with Seal-it® 520 PRIMER and non-porous surfaces with minimal bonding should be treated with Seal-it® 525 Clean & Bond.
- Apply in a minimum coat thickness of 4 mm, completely free of air inclusions.
- Shape with Seal-it® 550 FINISH and a suitable brush/roller, before skin formation.
- Apply Seal-it® 330 SPRAYSEAL with a compressed-air spray gun, type 330. Open the cartridge, cut the provided white nozzle as wide as possible and screw it onto the cartridge. Place the provided black nozzle over the white nozzle. Put the cartridge with both nozzles in the spray gun. Seal cartridge airtight by tightening the black locking ring on the top of the spray gun. Set the compressed air supply on the spray gun to between 2.0 bar (smaller spray coverage) and 2.5 bar (larger spray coverage). Next, set the gun air pressure to between 4.0 bar (less output) and 5.0 bar (more output). Fit joints of over 5 mm with Seal-it® 540 backer rod foam.

Paintability

Seal-it® 330 SPRAYSEAL is excellently paintable and sprayable with common 2k vehicle and repair paints. Seal-it® 330 SPRAYSEAL is excellently paintable and sprayable with emulsion paints. However, synthetic paint systems may dry slowly.

Cleaning

Remove fresh/uncured material from surfaces and tools using Seal-it® 510 CLEANER. Clean hands/skin with Seal-it® 515 ULTRA-WIPES. Cured material must be removed mechanically.

Limitations & recommendations

Not suitable for continuous water loads or expansion joints. Not suitable for PE, PP, PTFE, PC, PMMA, soft plastic, neoprene, bituminous or natural stone surfaces. Ensure adequate humidity in the immediate environment. Discolouration may occur under certain conditions, such as due to direct contact with chemicals and/or release of plasticiser from the surface. Min. coat thickness: 4 mm. Apply Seal-it® 330 SPRAYSEAL without air inclusions. We recommend testing the adhesion and the paint and material compatibility in advance.

Health & safety

Avoid long-term contact with skin. If uncured material gets in your eyes, rinse out thoroughly with plenty of water and consult a physician. The product safety data sheet is available on request.

Warranty & liability

Connect Products BV guarantees that its product will meet the specifications during its shelf life. Liability shall never exceed that stipulated in our terms and conditions of sale and supply. Under no circumstances shall the seller be held liable for any consequential damages. The information provided is the result of our testing and experience and is general in nature. However, it does not entail any liability. Users are responsible for performing their own tests to determine whether the product is suitable for the application.

