



PANDSER WAPROSEAL

GENERAL INFORMATION

Pandser Waproseal is a high-quality and versatile lead substitute for waterproof and windproof sealing of various connections. Pandser Waproseal is quick and easy to apply thanks to its self-adhesive backing and additional butyl strips. Pandser Waproseal consists of two layers of thermoplastic material covering the aluminium stretch metal. The upper layer is weatherproof, while the sticky lower layer provides good protection against leaks. The very soft stretch metal provides additional strength and also offers excellent pliability of the material due to the high elongation of the aluminium stretch metal used in the Pandser Waproseal.

APPLICATIONS

Pandser Waproseal is suitable for waterproof and airtight sealing of:

- Chimneys
- Dormers
- Skylights
- Solar panels

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AVAILABLE

Dimensions (lxbxd)	Ral Colour	Article Number	EAN-Code
5000 x 300 x 2 mm	7043 (anthracite0	WKFEP300-2530	8713331031484
5000 x 300 x 2 mm	8004 (terracotta)	WKFEP300-2531	8713331031569
5000 x 400 x 2 mm	7043 (anthracite	WKFEP300-2540	8713331031835

(other dimensions and colours on request)

SUPPLIED PRODUCTS

Product name	Dimensions	Article Number	EAN-Code
Pandser Scissors	200 mm	WKFEP400-1004	8713331040172
Pandser Pressure roller	45 mm	WKFEP400-1002	8713331040196
Pandser Pressure roller	90 mm	WKFEP400-1003	8713331040202
Pandser Pressure roller brass	5 x 30 mm	WKFEP400-1001	8713331040189
Pandser Adhesive & Sealant	290 ml	WKFEP400-1080	8713331027470
Pandser Slotted hole profile	48 mm x 2500 mm	WKFEP201-0060	8713331029108

ADVANTAGES

- Very fast and easy installation possible thanks to two additional butyl strips (high initial adhesion) and adhesive layer over the entire back side,
- No lead beater necessary, can be folded by hand and a pressure roller,
- Many applications possible thanks to high extensibility, low thickness and adhesion to most common substrates in the building industry,
- Long durability due to high resistance to extreme weather conditions and UV exposure,
- Mechanical damages are easy to repair due to self-vulcanising effect,
- No adhesive or mechanical fastening is required for connecting or overlapping Pandser Waproseal sections. q. overlapping of mutual sections Pandser Waproseal due to this self-vulcanising effect,
- Pandser Waproseal does not contain any hazardous substances.

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SPECIFICATIONS

Characteristic	Test standard	Performance
Length (m)	EN 1848-2	5
Width (mm)	EN 1848-2	300, 400
Thickness (mm)		2,0 (±0,2)
Tensile strength [N/mm].	EN 12311-1:2001	
<ul style="list-style-type: none">Longitudinal elongation		55 %
<ul style="list-style-type: none">Longitudinal tensile strength at 50% elongation		> 3,0
<ul style="list-style-type: none">Lateral elongation		10 %
<ul style="list-style-type: none">Tensile strength in width direction at 10% elongation		> 4,0
Adhesion [N/10 mm]	EN ISO 29862:2019	
<ul style="list-style-type: none">Back (full)		≥ 3,0
<ul style="list-style-type: none">Additional butyl strips		≥ 10,0
Temperature resistance [°C]		-40 to +90 and 1 hour peak load of up to 110 [°C].
Waterproofing	EN 13111:2002	Passed
Length (m)	EN ISO 4892-2:2013-06	≥ 1500 hours

Storage:

Store Pandser in dry area at -10°C to +30°C, in the original packaging, and for a maximum of 24 months after production date. At low temperatures, the hardness of the product increases. We therefore recommend acclimatising the product at low temperatures for at least 2 hours at a temperature above 15°C and processing from +5°C to a maximum of +40°C.

Application: roof tiles and interior walls

The surface to be sealed must be cleaned and degreased before bonding. The lead replacement should be applied on one line parallel to the basic shape of the roof or object to be sealed. Always measure the area to be covered first. Pandser can be cut to size using the Pandser Scissors. Cut the required length and remove the top part of the protective backing film.

Remove the first (upper) part of the protective backing. Place the lead replacement in the desired location and firmly secure the top butyl strip and carefully remove the remaining protective backing. Make sure that you only expose the butyl adhesive of the part you are currently working on. To get the best fit, knead the Pandser, stretching the aluminium insert over the roof profile. It is important that it fits well with the substructure. Use the Pandser Pressure Roller to apply distributed pressure to the lead replacement. Pandser is quick and easy to apply without special tools, such as a lead knocker. Now firmly press the lower butyl strip as well to create a watertight seal against the roof.



When joining sections of Pandser together, ensure an overlap of at least 75 mm and press with the pressing roller (maximum processing length in one piece = roll length). Pandser will bond immediately and set permanently in about 10-20 minutes. For connections to roof tiles, an overlap of at least 100 mm on the tiles (at least 120 mm for flat tiles) and at least 200 mm on the sides should be maintained.

Application: outer walls

For applications where the roof borders on an outer wall, e.g. on a parapet, façade or chimney, the same beginning applies; then again remove the first (upper) part of the protective backing and install the lead replacement, as indicated above. Also mechanically fasten the Pandser to the structure behind (wall or chimney) with a compression profile. Seal the top side with Pandser Adhesive & Sealant to guarantee water tightness.

Press Pandser straight down against the structure behind and then fold the lead replacement at an angle to the roof tiles.

Then remove the remaining protective film from the backing and position Pandser in a straight line over the highest wellen of the roof tiles. Then press the lead replacement firmly again on the highest wheelks at the location of the butyl adhesive strip and then form the lead replacement over the roof tiles and use the Pandser Pressure Roller to press the lead replacement firmly and evenly. Cut the lead replacement diagonally to the bending line, for an attractive corner finish if it is used near a chimney. Subsequently, the Pandser can also be used for sealing upright brickwork. Round off the corners neatly when cutting.

Substrates:

Pandser adheres quickly to most substrates common in construction, such as ceramic and concrete roof tiles, steel, aluminium, zinc, stone, wood and plastic. Pandser is not suitable as a sealing material for flat roofs or on a bituminous surface. The butyl adhesive strips cannot be fixed on a metal surface exposed to direct sunlight without additional mechanical fixation. When using chemical agents (oils, acids, alkalis and solvents), test Pandser first. When in doubt about chemical agents or applications Pandser first contact your supplier.

Cleaning:

Waproseal can be removed mechanically. Residues can be cleaned with an organic solvent, such as extraction naphtha.

Safety instructions:

Follow standard health and safety rules:

- do not eat, drink or smoke while using the product.
- avoid contact with eyes and skin.
- wash hands before breaks and after work.



PRODUCT PROPERTIES & APPLICATIONS



Loodvrij
Lead free
Bleifrei
Sans plomb



Zelfklevend
Self-adhesive
Selbstklebend
Auto-adhésif



Snel en eenvoudig
Quick and easy
Schnell und einfach
Rapide et facile



UV-bestendig
UV resistant
UV-beständig
Résistant aux UV



Schoorsteen
Chimney
Kamin
Cheminées



Dakkapel
Roof dormer
Gaube
Dormer



Lichtvenster
Skylight
Oberlichtfenster
Fenêtres de toit



Muuraansluiting
Against the wall
Wandanschluss
Contre les murs

Safety disclaimer: The above information is based on our own experiences and tests, and is intended to provide the best possible advice. Because our products can be used, stored and applied in many different ways - often under conditions beyond our control - we cannot guarantee the outcome in specific situations. We therefore recommend that you always carry out your own appropriate tests to determine whether the product is suitable for your application.