

## PROMASEAL® Silicone Sealant Product Data Sheet

### Fire stopping silicone



[www.promat-international.com](http://www.promat-international.com)





## General description

PROMASEAL® Silicone Sealant is a silicone based sealant used to reinstate the fire resistance performance of linear gap seals within the wall and floor constructions. PROMASEAL® Silicone Sealant can achieve fire rating upto 240 minutes.

## Fields of application

Linear joints seals in flexible & rigid walls and floor construction.

Penetration seals around steel /copper pipes, electrical cables, cable trays & ladders.

## System advantages / customer benefit

- Adhesions to most substrates
- Backing material can be either rockwool ( 80kg/m<sup>3</sup> ) or PE backing rods
- Tack free, water & UV resistant

## Test certificate / Approval

- Certifire

## Packaging

PROMASEAL® Silicone Sealant is supplied in liquid form contained within 310ml cartridges (others packaging on demand).

## Storage requirements

- Store in cool and dry conditions - 3°C to 40°C
- Shelf life for original sealed containers is at least 18 months
- Once opened the container should be used swiftly

## Safety instructions

- Please refer to the safety data sheet for additional advice

## Technical data and properties

<b>Colour</b>	White (other colors on demand)
<b>Consistency</b>	Paste
<b>Specific gravity</b>	1.33 -1.37 g/cm <sup>3</sup>
<b>Shrinkage</b>	Approx. 5 %
<b>Movement capabilities</b>	Flexible upto 7.5 %
<b>Application temperature</b>	+5 to +40 deg Celsius
<b>Acoustic isolation (EN 10140)</b>	38 dB
<b>Air permeability (EN 1026 )</b>	600 pa- 100pa (2.8/5.6 m <sup>3</sup> /h/m <sup>2</sup> )
<b>Elastic recovery</b>	90% above
<b>Weathering (ISO 11431)</b>	250 cycles each 120 minutes / 102 mins of the cycle dry at 65°C lights at 550W/m <sup>2</sup> over a wave length of 290 - 800nm / 18 minutes wet, immersion, light off . Water to be at 25°C

## Application instructions

- For good adhesion the surfaces of the building elements shall be free of any dust or grease and may need to be primed. On good clean, virgin concrete & masonry, no priming required.
- Ensure that the aperture and services in question are tested with PROMASEAL® Silicone Sealant and the site conditions are within the application specification.
- An annular space needs to be present around the service to apply sufficient installation depth.
- All services and apertures need to be clean and clear of all dust and loose particles. The aperture temperature needs to be at +5°C or above at time of installation.
- The PROMASEAL® Silicone Sealant is either gunned or trowelled into the aperture in or between the separating element/elements to a specific depth utilising various backing materials.
- Upon installation make sure that you install the PROMASEAL® Silicone Sealant around all services needed.
- Once compacted, smooth off the PROMASEAL® Silicone Sealant to produce a professional finish.



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