# **PARASILICO E95**



# CHARACTERISTICS

- Acetoxy curing, 1-component silicone sealant (RTV-1)
- Very easy to apply
- Excellent adhesion to almost all building materials
- Permanent elasticity

Discoloration proof

• Has a high resistance to ageing, weather conditions, low and high temperatures and UV

### APPLICATIONS

- Has an adhesive strength on the majority of materials used in building and engineering industries such as glass, anodized aluminium, ceramic tiles, etc.
- A primer is recommended for porous surfaces.
- Industrial applications as sealant in the automotive, shipbuilding industries, coach work, caravans, etc.

TECHNICAL CHARACTERISTICS		
Uncured sealant		
Type of sealant	Polysiloxanes	
Viscosity	Pasty	
Vulcanising system	Through moisture in the air	
Skin forming time (23°C and 50% R.H.)	17 min	
Vulcanisation rate (23°C and 50% R.H.)	1-2 mm/24h	
Density: ISO 1183	1,00 g/ml	
Processing temperature	+5°C - +40°C	
Shelf life, in the original packing in dry conditions between $+5^{\circ}C - +25^{\circ}C$	Min. 12 months	
Cured sealant		
Shore A hardness: ISO 868	14	
Elastic recovery: ISO 7389	>90%	
Deformation capability: ISO 11600	12,5%	
Modulus at 100% elongation: ISO 8339	0,34 N/mm <sup>2</sup>	
% Elongation at break: ISO 8339	130%	
Temperature resistance	-60°C - +180°C	

## PACKING AND COLOURS

Standard: RAL 9011 black, white, transparent.

Other colours are available on request.

## METHOD OF USE

#### Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with **Parasilico Cleaner**, MEK, alcohol or ethanol. If necessary, use a primer. It is recommended to carry out preliminary tests in order to determine the suitability of the product for its application.

#### Primers

Porous surfaces	Primer DL 783	Transparent	Curing time (approx.) 60 min
Non porous substrates	Primer DL 435.10	Transparent	Curing time (approx.) 30 min

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## Application

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers.

#### Joint dimensions

Joint width	Joint depth	Allowed difference
3-4 mm	3-4 mm	±1mm
6 mm	6 mm	±1mm
8 mm	8 mm	±1mm
10 mm	6-8 mm	± 2 mm
15 mm	10 mm	± 2 mm
20 mm	10-12 mm	± 2 mm
25 mm	15 mm	± 3 mm
Maximum joint width: 30 mm		

#### Tooling

When needed with **DL100** or tools.

#### Cleaning

Before curing: Tools with white spirit or solvent. Surfaces with **Parasilico Cleaner.** 

After curing: Remove as much as possible mechanically; the remainders of the silicone with Silicone Remover.

#### Repairing

With the same product.

## SAFETY

Safety data sheet available on request.

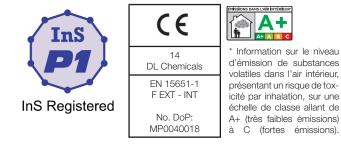
# LIMITATIONS

Do not expose to thermal, mechanical or chemical influence before complete curing. Use in well ventilated rooms. Good ventilation is important during application and vulcanisation of the product. During vulcanization, a total of 4% acetic acid is released. These cross linker vapours may not be inhaled during long periods of time or in high concentrations.

- Not suitable for applications with permanent water contact.
- No adhesion on PE, PP, PTFE (Teflon ®) and bituminous substrates.
- It should not be used in contact with metals like lead, zinc, steel and copper, as it may cause corrosion.
- Do not use on plastics and alkaline surfaces such as concrete. We recommend Parasilico AM85-1 or the use of a primer.
- For sanitary applications we recommend Parasilico E.
- We recommend Parasilico PL on polyacrylate and polycarbonate.
- Do not use on natural stone (staining). We recommend Parasilico NS on natural stone.
- We recommend Paracol Miroseal for gluing mirrors.
- Not paintable: see Parasilico VP.
- Not suitable for top sealing in glazing.

# **TECHNICAL APPROVALS**

CE



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# **PARASILICO SANITAIR E**

# CHARACTERISTICS

- Acetoxy curing, 1-component silicone sealant (RTV-1)
- Very easy to apply
- Very good adhesion to a lot of building materials
- Permanent elasticity

Discoloration proof

• Has a high resistance to ageing, weather conditions, low and high temperatures and UV

## **APPLICATIONS**

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- Specially formulated for all types of sanitary applications and rooms with high humidity such as bathrooms, showers, kitchens, etc.
- Adheres to most surfaces such as aluminium, ceramics, enamel, glass, etc.

TECHNICAL CHARACTERISTICS		
Uncured sealant		
Type of sealant	Polysiloxanes	
Viscosity	Pasty	
Vulcanising system	Through moisture in the air	
Skin forming time (23°C and 50% R.H.)	17 min	
Vulcanisation rate (23°C and 50% R.H.)	1 - 2 mm/24h	
Density : ISO 1183	1,00 g/ml	
Processing temperature	+5°C - +40°C	
Shelf life, in the original packing in dry conditions between +5°C - +25°C	Min. 12 months	
Cured sealant		
Shore A hardness : ISO 868	14	
Elastic recovery : ISO 7389	>90%	
Deformation capability : ISO 11600	12,5%	
Modulus at 100% elongation : ISO 8339	0,34 N/mm <sup>2</sup>	
% Elongation at break : ISO 8339	130%	
Temperature resistance	-60°C - +180°C	

# PACKING AND COLOURS

25 cartridges of 310 ml/box - 48 boxes/palle	25 cartrid	ges of	310 ml/	/box - 48	boxes/	pallet
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Standard: White, transparent

Other colours are available on request (min. order quantity is required).

# METHOD OF USE

#### Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with **Parasilico Cleaner**, MEK, alcohol or ethanol. If necessary, use a primer. It is recommended to carry out preliminary tests in order to determine the suitability of the product for its application.

#### Primers

Porous surfaces	Primer DL 783	Transparent	Curing time (approx.) 60 min
Non porous substrates	Primer DL 435.10	Transparent	Curing time (approx.) 30 min

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## Application

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers.

#### Joint dimensions

Joint width	Joint depth	Allowed difference
3-4 mm	3-4 mm	±1mm
6 mm	6 mm	±1mm
8 mm	8 mm	±1mm
10 mm	6-8 mm	± 2 mm
15 mm	10 mm	± 2 mm
20 mm	10-12 mm	± 2 mm
25 mm	15 mm	± 3 mm
Maximum joint width: 30 mm		

#### Tooling

When needed with **DL100** or tools.

#### Cleaning

Before curing: Tools with white spirit or solvent. Surfaces with **Parasilico Cleaner** After curing: Remove as much as possible mechanically; the remainders of the silicone with **Silicone Remover**.

#### Repairing

With the same product.

## SAFETY

Safety data sheet available on request.

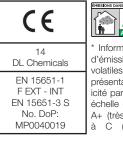
# LIMITATIONS

Do not expose to thermal, mechanical or chemical influences before complete curing. Use in well ventilated rooms. Good ventilation is important during application and vulcanisation of the product.

- The sanitary formula does not replace cleaning of the joint. Strong pollution, caused by soap residues in combination with moisture, can stimulate the development of fungi.
- Not suitable for applications with permanent water contact.
- No adhesion on PE, PP, PTFE (Teflon ®) and bituminous substrates.
- It should not be used in contact with metals like lead, zinc, steel and copper, as it may cause corrosion.
- Do not use on plastics and alkaline surfaces such as concrete. In this case we recommend Parasilico Sanitair N.
- We recommend Parasilico PL on polyacrylate and polycarbonate.
- Do not use on natural stone (staining). We recommend Parasilico NS on natural stone.
- We recommend Paracol Miroseal for gluing mirrors.
- Not paintable: see Parasilico VP.
- For insulated glazing and security glass, in combination with butyl sealing or PVB, we advise Parasilico Pro Glass.

# **TECHNICAL APPROVALS**

CE



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions).

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# PARACRYL



# **CHARACTERISTICS**

- High-quality plasto-elastic sealing kit based on an acrylic dispersion
- Very easy to apply
- Instant adhesion on all clean and dry surfaces
- Remains permanently flexible
- High resistance to ageing and low and high temperatures
- Can be painted when vulcanised
- Phthalate free

# **APPLICATIONS**

- Can be applied for joints between windows, walls, doors, window-ledges, etc.
- Suitable for joints with moderate movement (maximum 12,5%).
  - Perfect for the filling of fissures and cracks in walls.
  - Suitable for all porous surfaces (wood, stone, concrete, plaster...) and metal, ceramic tiles and hard PVC.

TECHNICAL CHARACTERISTICS		
Uncured sealant		
Type of sealant	Acrylic sealant	
Viscosity	Pasty	
Vulcanising system	Vaporize, H <sub>2</sub> O	
Skin forming time (23°C and 50% R.H.)	30 min	
Vulcanisation rate (23°C and 50% R.H.)	0,5 mm/24h	
Density: ISO 1183	1,62 g/ml	
Processing temperature	+5°C - +40°C	
Shelf life, in the original packing in dry conditions between +5°C - +25°C	Min. 12 months	
Cured sealant		
Shore A hardness: ISO 868	12	
Elastic recovery: ISO 7389	< 50%	
Deformation capability: ISO 11600	12,5%	
Max modulus: ISO 8339	0,03 N/mm <sup>2</sup>	
% Elongation at break: ISO 8339	> 500%	
Temperature resistance	-20°C - +80°C	

# PACKING AND COLOURS

25 cartridges of 310 ml/box - 48 boxes/pallet Standard (with SNJF): White, grey, brown Standard: Oak, black For the transparent version, see Paracryl Transparent 20 sausages of 600 ml/box - 45 boxes/pallet White, grey

Other colours are available on request (75 cartridges or multiples).

# METHOD OF USE

#### Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with **Parasilico Cleaner**, MEK, alcohol or ethanol. If necessary, use a primer. It is recommended to carry out preliminary tests in order to determine the suit-

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DL Chemicals nv Roterijstraat 201-203 - Zone 5 Snepbeek - 8793 Waregem - Belgium T +32 56 62 70 51 - F +32 56 60 95 68 info@dl-chem.com - www.dl-chem.com ability of the product for its application.

## Primers

When diluted with water, Paracryl can be used as a sealant primer (2/3 of water, 1/3 of Paracryl).

## Application

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers. **Paracryl** vulcanizes by evaporation of water. As long as less than 90% of the joints are vulcanised, a maximum movement of 5% is possible.

### Tooling

When needed with **DL100** or tools.

#### Cleaning

With water before it is dry.

#### Repairing

With the same product.

# SAFETY

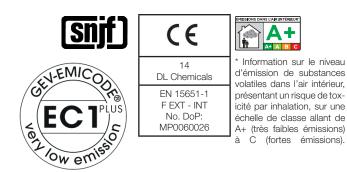
Consult our safety data sheet.

# LIMITATIONS

- Cannot be used for joints that are permanently exposed to water.
- Do not apply in the case of risk of rain and frost, protect against frost.
- Do not use as a glazing sealant.
- In case of outdoor use, the joint has to be painted after sufficient vulcanization.

# TECHNICAL APPROVALS

SNJF (Société National du Joint Français): EC1<sup>PLUS</sup> CE FACADE n° 4007



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