

VS

WACKER



VS - VAE Based Paintable Sealant

VAE based WACKER® sealant has excellent workability as a crack filler for inside application and for interior joints which allow small movements.

Range of Application

- ▶ Crack repair
- ▶ Paintable joint sealing(Interior)
- ▶ Joints around indoor plaster
- ▶ Joints exposed to small movement

Product Properties

Typical general characteristics	Inspection Method	Value
Cure type		VAE, Filled
Uncured / unvulcanized paste		
Density at 23 °C	ISO 1183-1 A	1,72 g/cm ³
Consistency	ISO 7390	Non-sag
Skin forming time at 23 °C / 50 % r.h.	Internal method	Approx. 30 min
Cured / vulcanized rubber		
Hardness Shore A	ISO 868	35
Ultimate elongation (joint)	ISO 8339-A	50 – 100%

CV.Green Mile Indonesia

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CREATING TOMORROW'S SOLUTIONS



EXPERT
SEALANT
TECHNOLOGY



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GP

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WACKER® GP – General Purpose

This is a one-part, acetoxy silicone sealant for many applications. It cures at room temperature in the presence of atmospheric moisture to give a permanently flexible silicone rubber.

Applications

- Window Glazing
- Stainless Sach
- Plumbing

Colors

- Transparent S1
- White S1
- Black S1
- Bronze S1
- Grey S3
- Aluminium 03

Product Properties

Uncured rubber (tested at 23°C and 50% relative humidity)

Consistency	ISO 7390	Non-sag
Skin-forming time	[min]	Approx. 25
Cure rate	[mm/day]	Approx. 2

Cured rubber (after 4 weeks' storage at 23°C and 50% relative humidity)

Elongation at break	ISO 8339	[%]	150
Modulus at 100% elongation	ISO 8339	[N/mm ²]	0.34
Hardness	ISO 868	[Shore A]	18
Tear strength	ISO 34	method C [N/mm]	4.0
Temperature resistance		[°C]	-50 to +150
Movement capability	ISO 9047	[%]	20



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GP-N

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WACKER * GP-N – Glazing Neutral (Filled/Unfilled)

This is a one-part, neutral silicone sealant with outstanding adhesion to most building substrates. It further exhibits good weather resistance and workability for glazing.

Applications

- Windows glazing
- Joint sealing for prefabricated building
- Sealing for UPVC, Wooden and AL Window
- Sealing for Alkaline Substrate such as concrete

Colors, Filled

- White
- Grey
- Light Grey
- Ivory
- Wood
- Black
- Bronze
- Cherry
- Oak
- Blue
- Green
- Light Ivory

Colors, Unfilled

- Transparent
- Translucent
- Red
- Gold

Product Properties

Uncured rubber (tested at 23°C and 50% relative humidity)

Specific gravity		Filler type 1.37±0.02	Non-Filler type 1.00±0.02
Consistency	ISO 7390		Non-sag
Skin-forming time		[min]	Approx. 10
Cure rate		[mm/day]	Approx. 2
Cured rubber (after 4 weeks' storage at 23°C and 50% relative humidity)			
Elongation at break	ASTM D 412	[%]	Approx. 300-400
Modulus at 100% elongation	KS F 2621; 4-3	[N/mm ²]	MIN 0.4
Hardness	ASTM D 2240	[Shore A]	Approx. 30
Temperature resistance		[°C]	-50 to +150
Movement capability	ISO 9047	[%]	20

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SN

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WACKER® SN – Sanitary Neutral

This is a one-part, neutral silicone sealant with good adhesion. It is mildew- and fungus-resistant and therefore particularly suitable for sanitary applications.

Applications

- Bath and Kitchen sink
- Internal joint at humid area
- Basin, shower room, mirrors, drain, and ventilation fan joint

Colors

- Transparent
- White
- Ivory

Product Properties

Uncured rubber (tested at 23°C and 50% relative humidity)

Specific gravity	Non-Filler type
	1.00±0.02

Consistency	ISO 7390	Non-sag
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Skin-forming time	[min]	Approx. 30
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Cure rate	[mm/day]	Approx. 2
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Cured rubber (after 4 weeks' storage at 23°C and 50% relative humidity)

Elongation at break	ASTM D 412	[%]	Approx. 400-500
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Modulus at 100% elongation	KS F 2621; 4-3	[N/mm ²]	MAX 0.4
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Hardness	ASTM D 2240	[Shore A]	20
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Temperature resistance	[°C]	-30 to +80
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Movement capability	ISO 9047	[%]	30
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WN

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WACKER * WN – Weatherseal Neutral (Filled/Unfilled)

This is a one-part, neutral silicone sealant that exhibits good adhesion to exterior joints and displays outstanding weather resistance and durability.

Applications

- Joint for window perimeter
- Joint for cleanroom panel
- Internal/external joint of building
- Joint for aluminum panel
- External joint of curtain wall building

Colors

- Transparent
- White
- Grey
- Black
- Bronze

Product Properties

Uncured rubber (tested at 23°C and 50% relative humidity)

Specific gravity	Filler type 1.37±0.02	Non-Filler type 1.00±0.02
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Consistency	ISO 7390	Non-sag
Skin-forming time	[min]	Approx. 10
Cure rate	[mm/day]	Approx. 2

Cured rubber (after 4 weeks' storage at 23°C and 50% relative humidity)

Elongation at break	ASTM D 412	[%]	Approx. 400-500
Modulus at 100% elongation	KS F 2621; 4-3	[N/mm ²]	MIN 0.4
Hardness	ASTM D 2240	[Shore A]	Approx. 30
Temperature resistance		[°C]	-50 to +150
Movement capability	ISO 9047	[%]	±30



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WS

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WACKER® WS – Weatherseal Superior

This is a one-part, neutral silicone sealant that will not stain exterior substrates. It exhibits good adhesion without a primer on most building materials and displays outstanding weather resistance and durability.

Applications

- Internal/external non-stain joints of building
- Sealing around the window
- Joints of stone and ceramic materials
- Joints of aluminum composite panel

Colors

- Grey
- Black
- Bronze

Product Properties

Uncured rubber (tested at 23°C and 50% relative humidity)

Specific gravity		Filler type	1.37±0.02
Consistency	ISO 7390		Non-sag
Skin-forming time		[min]	Approx. 30
Cure rate		[mm/day]	Approx.2
Cured rubber (after 4 weeks' storage at 23°C and 50% relative humidity)			
Elongation at break	ASTM D 412	[%]	Approx. 400-500
Modulus at 100% elongation	KS F 2621; 4-3	[N/mm ²]	MIN 0.4
Hardness	ASTM D 2240	[Shore A]	30
Temperature resistance		[°C]	-30 to +80
Movement capability	ISO 9047	[%]	±30

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HA

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WACKER * HA(N70) – Hybrid Adhesive

This is a high-strength, silicone-free, all-purpose adhesive suitable for bonding and repairing many different substrates.

Applications

- Bonding of a wide variety of materials, such as wood, glass, metals, plastics and mineral-based substrates
- Equally suitable for decorative frames, skirting boards, cable ducts, curtain walls and insulation panels in the construction industry
- Repair bonding in do-it-yourself and trade sectors
- Bonds that require paint and need to be sanded

Colors

- White

Product Data

Specification data	Inspection Method	Value
Extrusion rate - 3 mm nozzle / 2,1 bar	internal method	3 - 8 g/10s
Skin forming time at 23 °C, 50 % RH	internal method	10 - 30 min
Appearance	visual check	positive
Typical general characteristics	Inspection Method	Value
Product data (uncured)		
Color		white
Density		1,6 g/cm ³
Consistency	ISO 7390	non-sag
Properties cured (14 days at 23°C/50% relative humidity)		
Tensile strength	ISO 37 – rod1	3,10 N/mm ²
Elongation at break	ISO 37 – rod1	100%
Modulus at 100 % elongation	ISO 37 – rod1	3,0N/mm ²
Hardness Shore A	ISO 868	80
Tear strength	ISO 34 – C	13 N/mm

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HC

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Hybrid Cristal

Characteristic : Hybrid

Application : Glazing

Color : Transparant

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HS

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WACKER[®] HS(N35) – Hybrid Sealant

This is a high-modulus, paintable, all-purpose sealant suitable for sealing a variety of different substrates.

Applications

- Connection joints that are subsequently painted
- Fixation where flexibility of the sealant is still required
- Sealing joints between a wide variety of materials, such as wood, glass, metals, plastics and mineral-based substrates
- Stress-relieving bonding and fixation

Colors

- White
- Gray
- Black

Product Data

Specification data	Inspection Method	Value
Extrusion rate - 3 mm nozzle / 2,1 bar	internal method	15 - 30 g/10s
Skin forming time at 23 °C, 50 % RH	internal method	20 - 40 min
Appearance	visual check	positive
Typical general characteristics	Inspection Method	Value
Product data (uncured)		
Color		white
Density		1,4 g/cm ³
Consistency	ISO 7390	non-sag
Properties cured (14 days at 23°C/50% relative humidity)		
Tensile strength	ISO 37 – rod1	2,20 N/mm ²
Elongation at break	ISO 37 – rod1	600%
Modulus at 100 % elongation	ISO 37 – rod1	0,7 N/mm ²
Hardness Shore A	ISO 868	35
Tear strength	ISO 34 – C	12 N/mm

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PU Foam

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PU Foam - Expandable Polyurethane Foam

This is high quality one component installation foam which has good discharge and sealing properties providing thermal and sound insulation.



Applications

- Assembly and Sealing of door and window frames
- Filling, moisture proofing, coating of crack
- Filling of cavities
- Soundproofing of vibration area
- Joint sealing of ALS and concrete
- Sealing and insulating between different constructional elements and building materials
- Sealing for heating pipes, ducts

Salient Features

- Good for keep warmth in space, soundproof, and waterproof by microscopic foaming particle
- Good adhesion on the finished construction material
- Good resistance against water, oil, grease, etc.
- Good electrical insulation
- Quick hardening and closely filling in the joint
- Easy using and injection quantity control
- No decay and contraction after hardening

Product Properties

Working Temperature	+ 5°C ~ +30°C (Optimal +20°C)
Tack Free Time(T.20°C/M.60%)	10 ~ 15 min
Cutting Time(T.20°C/M.60%)	40 ~ 60 min
Full Cure Time(T.20°C/M.60%)	24 hr
Density	15 ~ 30 kg/m ³
Thermal Conductivity(T.20±5°C)	0.020 ~ 0.040 W/m.k
Combustibility Fire Class	DIN 4102 B3
Yield	Max. 30 l
Storage Life(T.20°C)	12 Month
Gross Weight	810g ± 15g
Can Size	ø 71 mm x L 290 mm
Packing Unit	15 Can / Carton Box

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SG79

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Wacker® SG79 – STRUCTURAL GLAZING

Product description

Wacker® SG79 – STRUCTURAL GLAZING is one component alkoxy silicone sealant cured by reacting with moisture and has a good adhesion and gunability. Our tests showed that if it is used for a Structural Sealant Glazing with Hi-modules the movement allowance is about $\pm 50\%$.

Product data

Typical general characteristics	Inspection Method	Value
Cure type		Alkoxy, filled
Uncured / unvulcanized paste		
Density		1,28 - 1,32 g/cm ³
Color		black
Consistency	ISO 7390	non-sag
Extrusion rate at 6 bar	internal method	200 - 300 g/min
Skin forming time at 23 °C / 50 % r.h.	internal method	approx. 60 - 90 min
Cured / vulcanized rubber		
Hardness Shore A	ISO 868	40
Modulus at 100 % (joint)	ISO 8339-A	0,6 N/mm ²
Tensile strength (joint)	ISO 8339-A	1,5 N/mm ²
Ultimate elongation (joint)	ISO 8339-A	350 %
Movement capability	ASTM C 719	50 %

These figures are only intended as a guide and should not be used in preparing specifications.



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