



# AUTOMOTIVE PRODUCT CATALOGUE

GUANGDONG PUSTAR ADHESIVES & SEALANTS CO.,LTD.

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ADHESIVES & SEALANTS CO.,LTD.**  
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A6版  
2023年



COMPANY PROFILE



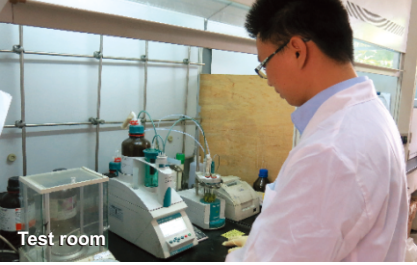
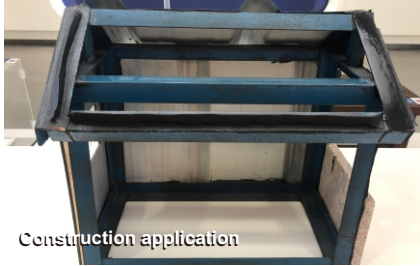
Guangdong Pustar Adhesives & Sealants Co. Ltd. is a high-tech enterprise with independent R & D and innovation ability in the field of sealant and adhesive. The company was founded in 2003 in Dongguan City, Guangdong Province, with a registered capital of 133 million yuan. Pustar focus on the R & D, production and sales of sealant and adhesive products, and has long been committed to the product R & D, application solution and application support of automobile, construction, home decoration, rail transit, industry, electronics and other industries.

Pustar Dongguan Base covers an area of 40000 square meters, with an annual production capacity of 40000 tons. Huizhou Base plans to cover an area of 60000 square meters, with a design capacity of 200000 tons. At present, Pustar has 49 authorized patents, including 35 invention patents, 17 national standards and industry standards, and 53 scientific and technological papers. Pustar is the "National specialized and sophisticated little giants enterprises", "Engineering Research Center of Polyurethane Sealant Adhesive Technology of Guangdong Province" and "Provincial Enterprise Technology Center of Guangdong Province".



Leading R&D Ability- Lab

More than 3000 square meter  
Guangdong polyurethane  
adhesives and sealant R&D  
center



Instrument & Equipment- Precision Imported Instruments and Equipment.





As professional customer service teams. we are committed to offer personalized technology and service.



We do compatibility test between products and target substrates to ensure the performance of products can meet clients' requirement.

We provide our client with training on application and guidance for construction convenience.



We also supply matching products like activator wiper, scrub wet tissues, and related tools and so on to make construction technology more convenience.

FMVSS 212 Crash Test

2008 BMW 335iA FMVSS 212  
Flat Frontal Barrier  
TRC Inc. Test Number: 170414

Prepared by:  
Transportation Research Center Inc.  
10820 State Route 347  
P. O. Box B-67  
East Liberty, OH 43319

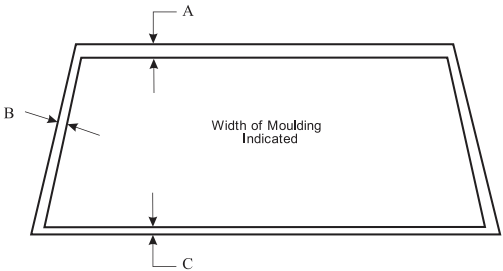


April 2017  
Final Report

Prepared for:  
Pustar RENZ Adhesives  
Dongfeng, East Road,  
Qingxi Town, Dongguan,  
Guangdong, China 523651



Figure 2 FMVSS 212 Test Data

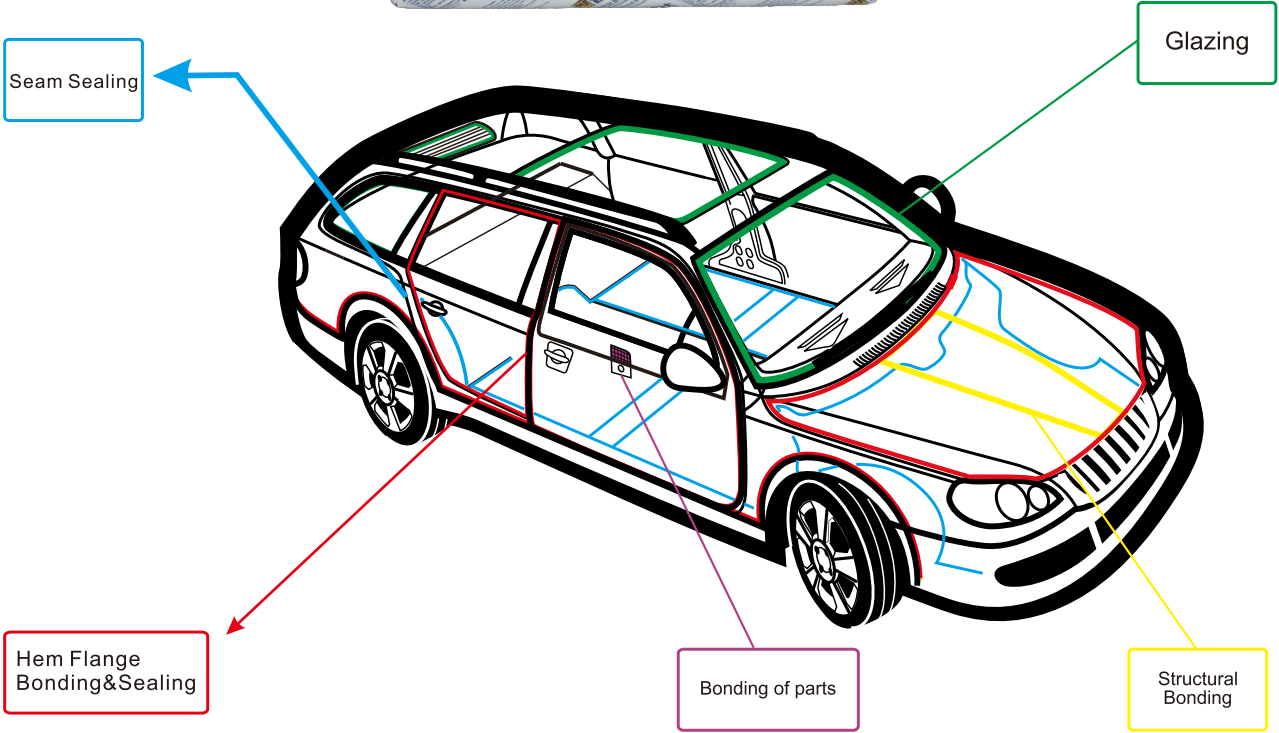


Front view of windshield			
Details of windshield mounting such as retention method, trim type, etc.:			
Trim Type:		Plastic	
Mounting Method:		Adhesive, windshield installed at 12:21 pm, 3 hour cure time	
FMVSS 212 requirements:			
The post-test periphery retention amount must be at least 75% of the pre-test periphery measurement for vehicles NOT equipped with automatic restraints, and 50% for each side of windshield for vehicles equipped with automatic restraint systems for front occupants.			
Windshield periphery measurements:			
	Pre-test	Post-test	Percent retention
Right side (mm):	2035	2035	100.0
Left side (mm):	2035	2035	100.0
Total (mm):	4070	4070	100.0
Loss of windshield retention lengths:			
A (mm)	B (mm)	C (mm)	Total (mm)
0	0	0	0
Pre-test windshield mounting material temperature:		22.8°C	73.1°F

Project: 20160726  
April 21, 2017



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Product description

Renz-10A is one-component moisture curable polyurethane sealant. It has excellent bonding and sealing performance. No corrosion and pollution to substrates, environment friendly, no bubbles during application, smooth and fine appearance etc.

Product features

- Excellent softness after curing, easy to cut, convenient for replacement.
- Excellent bonding performance, primer-less.
- Excellent extrudability and thixotropy, non-sag properties.

Areas of application

Suitable for windshield and side & back window glass bonding.

Packing specification

- Cartridge 310ml
- Sausage 400ml / 600ml
- Barrel 260KGS

Technical data<sup>①</sup>

Renz10A		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.50±0.1	1.51
Extrudability ml/min GB/T 13477.4	≥60	65
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	10~30	20
Curing speed (mm/d) HG/T 4363	≥3.0	3.1
Volatile contents ( %) GB/T 2793	≥95	95
Shore A-hardness GB/T 531.1	65~75	65
Tensile strength MPa GB/T 528	≥3.0	3.5
Elongation at break % GB/T 528	≥300	330
Tear strength( N/mm) GB/T 529	≥10	12
Tensile-shear strength(MPa) GB/T 7124	≥1.5	2.0
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.



Product description

Renz-10A is one-component moisture curable polyurethane sealant. It has excellent bonding and sealing performance. No corrosion and pollution to substrates, environment friendly, no bubbles during application, smooth and fine appearance etc.

Product features

- Excellent softness after curing, easy to cut, convenient for replacement.
- Excellent bonding performance, primer-less.
- Excellent extrudability and thixotropy, non-sag properties.

Areas of application

Suitable for windshield and side & back window glass bonding.

Packing specification

- Cartridge 300ml / 310ml
- Sausage 400ml / 600ml
- Barrel 240KGS / 260KGS

Technical data<sup>①</sup>

Renz10		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.35±0.1	1.36
Extrudability ml/min GB/T 13477.4	≥60	95
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	20~40	25
Curing speed (mm/d) HG/T 4363	≥3.0	3.2
Volatile contents ( %) GB/T 2793	≥95	97
Shore A-hardness GB/T 531.1	55~65	60
Tensile strength MPa GB/T 528	≥5.0	5.5
Elongation at break % GB/T 528	≥350	400
Tear strength( N/mm) GB/T 529	≥7.0	8.0
Tensile-shear strength(MPa) GB/T 7124	≥2.0	2.5
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.





Product description

Renz-11 one-component moisture curable polyurethane sealant. It has excellent bonding and sealing performance. No corrosion and pollution to substrates, environment friendly, no bubbles during application, smooth and fine appearance etc.

Product features

- Environment friendly, solvent-free.
- Excellent bonding and sealing, primer-less.
- Excellent softness after curing, easy to cut, convenient for replacement.

Areas of application

Suitable for windshield and side & back window glass bonding.

Packing specification

- Cartridge 310ml
- Sausage 400ml / 600ml
- Barrel 240KGS / 260KGS

Technical data<sup>①</sup>

Renz11		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.47±0.1	1.47
Extrudability ml/min GB/T 13477.4	≥60	75
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	20~45	30
Curing speed (mm/d) HG/T 4363	≥3.0	3.1
Volatile contents ( % ) GB/T 2793	≥98	99
Shore A-hardness GB/T 531.1	50~60	55
Tensile strength MPa GB/T 528	≥3.0	3.5
Elongation at break % GB/T 528	≥300	330
Tear strength( N/mm) GB/T 529	≥7.0	10
Tensile-shear strength(MPa) GB/T 7124	≥1.5	2.0
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.



Product description

Renz-12 is one-component moisture curable polyurethane sealant. It has excellent bonding and sealing performance. No corrosion and pollution to substrates, no bubbles during application, smooth and fine appearance etc.

Product features

- No DOP and solvent, comply with EU laws and regulations.
- Excellent softness after curing, easy to cut, convenient for replacement.
- Excellent bonding performance, primer-less.

Areas of application

Suitable for windshield and side & back window glass bonding.

Packing specification

- Cartridge 310ml
- Sausage 400ml / 600ml
- Barrel 240KGS

Technical data<sup>①</sup>

Renz12		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.35±0.1	1.36
Extrudability ml/min GB/T 13477.4	≥60	100
Sagging properties(mm) GB/T 13477.6	≤0	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	15~30	20
Curing speed (mm/d) HG/T 4363	≥3.0	3.2
Volatile contents ( % ) GB/T 2793	≥95	97
Shore A-hardness GB/T 531.1	55~65	60
Tensile strength MPa GB/T 528	≥5.5	6.5
Elongation at break % GB/T 528	≥450	470
Tear strength( N/mm) GB/T 529	≥7.0	9.0
Tensile-shear strength(MPa) GB/T 7124	≥2.0	2.5
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.





Product description

Renz-13 is a single-component sealant based on SIPE resin with excellent sealing performance and cohesion. No corrosion and pollution to base material and environment-friendly. Good splicing performance withmetal, staining steel, sheet metal etc.

Product features

- Environmental friendly, solvent-free, non-toxic, low VOC.
- Low viscosity, easy to application.
- Surface dry quickly, quick positioning.
- Good weather resistance, good creep resistance, good durability.

Areas of application

Suitable for windshield and side & back window glass bonding.

Packing specification

- Cartridge 310ml
- Sausage 400ml / 600ml
- Barrel 240KGS / 260KGS

Technical data<sup>①</sup>

Renz13		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.50±0.1	1.57
Extrudability ml/min GB/T 13477.4	≥30	50
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	10~30	15
Curing speed (mm/d) HG/T 4363	≥2.5	2.6
Volatile contents ( % ) GB/T 2793	≥97	98
Shore A-hardness GB/T 531.1	50~60	56
Tensile strength MPa GB/T 528	≥2.0	3.0
Elongation at break % GB/T 528	≥200	330
Tear strength( N/mm) GB/T 529	≥5.0	6
Tensile-shear strength(MPa) GB/T 7124	≥1.5	1.7
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.



Product description

Renz-18 is one-component moisture curable polyurethane sealant. It has excellent bonding and sealing performance. No corrosion and pollution to substrates, environment friendly, no bubbles during application, smooth and fine appearance etc.

Product features

- Excellent softness after curing, easy to cut, convenient for replacement.
- Excellent bonding performance, primer-less.
- Excellent extrudability and thixotropy, non-sag properties.

Areas of application

Suitable for windshield and side & back window glass bonding.

Packing specification

- Cartridge 300ml / 310ml
- Sausage 400ml / 600ml
- Barrel 240kg / 260kg

Technical data<sup>①</sup>

Renz18		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.5±0.1	1.50
Extrudability ml/min GB/T 13477.4	≥60	110
Sagging properties(mm) GB/T 13477.6	≤0	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	15~30	20
Curing speed (mm/d) HG/T 4363	≥3.0	3.2
Volatile contents ( % ) GB/T 2793	≥95	96
Shore A-hardness GB/T 531.1	60~70	65
Tensile strength MPa GB/T 528	≥3.0	3.2
Elongation at break % GB/T 528	≥300	320
Tear strength( N/mm) GB/T 529	≥5.0	10
Tensile-shear strength(MPa) GB/T 7124	≥1.5	2.5
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.





Product description

Renz-20 is one-component moisture curable polyurethane sealant. It has excellent bonding and sealing performance. No corrosion and pollution to substrates, environment friendly, no bubbles during application, smooth and fine appearance etc.

Product features

- Environment friendly, solvent-free, medium viscosity.
- Excellent bonding performance, primer-less.

Areas of application

Renz-20 is designed for direct-glazing applications with mineral glass-based windows in the Transportation OEM and repair markets. This product is suitable for professional users only. Tests with actual substrates under current conditions must be performed to ensure adhesion and material compatibility.

Packing specification

- Cartridge 310ml
- Sausage 400ml / 600ml
- Drum 240KGS / 260KGS

Technical data<sup>①</sup>

Renz 20		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.3±0.1	1.36
Extrudability ml/min GB/T 13477.4	≥60	75
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	20~40	35
Curing speed (mm/d) HG/T 4363	≥3.0	3.2
Volatile contents ( % ) GB/T 2793	≥98	99
Shore A-hardness GB/T 531.1	55~65	60
Tensile strength MPa GB/T 528	≥6.0	6.5
Elongation at break % GB/T 528	≥400	450
Tear strength( N/mm) GB/T 529	≥8.0	10
Tensile-shear strength(MPa) GB/T 7124	≥3.0	3.2
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.



Product description

Renz-30A is a cold applied windshield adhesive specially designed for windshield replacement and gap filling in bus, truck and rail glass replacement. It provides a good weathering stability and is therefore suitable for open joints.

Product features

- High viscosity, excellent initial bonding strength, quickly immobilize the windshield.
- High strength and elasticity.
- Environment friendly, no odour.
- Excellent bonding performance, primer-less.

Areas of application

Renz-30A is designed for use in replacing polyurethane direct-glazed automotive glass parts. This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

Packing specification

- Cartridge 310ml
- Sausage 400ml / 600ml
- Barrel 240kg / 260kg

Technical data<sup>①</sup>

Renz 30A		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.3±0.1	1.38
Extrudability ml/min GB/T 13477.4	≥60	70
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	20~30	25
Curing speed (mm/d) HG/T 4363	≥3.0	3.1
Volatile contents ( % ) GB/T 2793	≥98	99
Shore A-hardness GB/T 531.1	55~65	58
Tensile strength MPa GB/T 528	≥6.0	6.3
Elongation at break % GB/T 528	≥400	430
Tear strength( N/mm) GB/T 529	≥8.0	9.5
Tensile-shear strength(MPa) GB/T 7124	≥3.0	3.3
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.





Product description

Renz-30B is a cold applied windshield adhesive specially designed for windshield replacement and gap filling in bus, truck and rail glass replacement. It provides a good weathering stability and is therefore suitable for open joints.

Product features

- 2 hours. safe drive away time
- Suitable for bonding and gap filling Ideal product for glass replacement on commercial vehicles.
- Exhibits good weathering stability Compatible with Black Prime- less and All Black installation process.
- High viscosity

Areas of application

Renz-30B has been specially designed as an all-in-one solution for the windshield replacement of commercial vehicles such as buses and trucks. Good weathering stability it can be used for both bonding and gap filling. This product and related process information is designed for Automotive Glass Replacement. For other applications, tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

Packing specification

- Cartridge 310ml
- Sausage 400ml / 600ml
- Drum 240KGS / 260KGS

Technical data<sup>①</sup>

Renz 30B		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.2±0.1	1.25
Extrudability ml/min GB/T 13477.4	≥60	80
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	20~35	20
Curing speed (mm/d) HG/T 4363	≥3.0	3.2
Volatile contents ( % ) GB/T 2793	≥98	99
Shore A-hardness GB/T 531.1	60~65	62
Tensile strength MPa GB/T 528	≥8.0	9.0
Elongation at break % GB/T 528	≥400	480
Tear strength( N/mm) GB/T 529	≥10	12
Tensile-shear strength(MPa) GB/T 7124	≥4.0	4.8
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.



Product description

Renz-30D is one-component moisture curable polyurethane sealant. It has excellent bonding and sealing performance. No corrosion and pollution to substrates, environment friendly, no bubbles during application, smooth and fine appearance etc.

Product features

- Primer-less.
- Low odour.
- Fast cure.
- Short cut-off string.
- Automotive OEM approved.

Areas of application

Renz-30D is suitable for direct glazing applications in both the automotive OEM and replacement markets.

Packing specification

- Cartridge 310ml
- Sausage 400ml / 600ml
- Barrel 240kg / 260kg

Technical data<sup>①</sup>

Renz 30D		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.2±0.1	1.20
Extrudability ml/min GB/T 13477.4	≥60	110
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	40~60	50
Curing speed (mm/d) HG/T 4363	≥3.0	3.2
Volatile contents ( % ) GB/T 2793	≥98	98
Shore A-hardness GB/T 531.1	45~50	43
Tensile strength MPa GB/T 528	≥7.0	7.5
Elongation at break % GB/T 528	≥550	600
Tear strength( N/mm) GB/T 529	≥8.0	14
Tensile-shear strength(MPa) GB/T 7124	≥3.5	3.8
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.





Product description

Renz-30E is one-component moisture curable polyurethane sealant, which has the characteristics of low temperature fast fixation, high initial adhesion, good cohesion and sealing performance. No corrosion and pollution to substrates, environment friendly, no bubbles during application, smooth and fine appearance etc.

Product features

- High initial bond strength, high modulus, fast positioning at 1h.
- Low temperature fast fixation.
- Primer-free construction is available on the paint panel.

Areas of application

Renz30E is suitable for bonding between the windshield of high-end cars and buses and the main body.

Packing specification

- Cartridge 310ml
- Sausage 400ml / 600ml

Technical data<sup>①</sup>

Renz 30E		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.2±0.1	1.25
Extrudability ml/min GB/T 13477.4	≥40	40
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	10~35	15
Curing speed (mm/d) HG/T 4363	≥3.0	4.0
Volatile contents ( % ) GB/T 2793	≥98	99
Shore A-hardness GB/T 531.1	55~60	58
Tensile strength MPa GB/T 528	≥7.0	8.0
Elongation at break % GB/T 528	≥300	400
Tear strength( N/mm) GB/T 529	≥10	12
Tensile-shear strength(MPa) GB/T 7124	≥4.0	4.0
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.



Product description

Renz-42 is one-component sealant, which based on silane modified polyurethane resin as main component. Good flexible and bonding performance with cement, tile, stone, and metal substrates etc.

Product features

- Environmental friendly, solvent-free, non-toxic, low VOC.
- Good weather-resistance, non-yellowing.
- Bonds well with many substrates.

Areas of application

Suitable for sealing the joint of car body panels, weld joint, roof, machine, air cooler and so on.

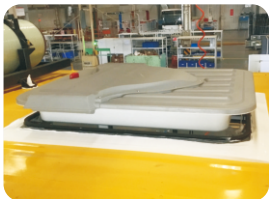
Packing specification

- Cartridge 310ml
- Sausage 400ml / 600ml
- Drum 240kg

Technical data<sup>①</sup>

Renz 42		
Items	Standard	Typical Value
Appearance	Black, homogenous paste	/
Density GB/T 13477.2	1.50±0.1	1.50
Extrudability ml/min GB/T 13477.4	≥250	320
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	30~60	35
Curing speed (mm/d) HG/T 4363	≥2.5	2.8
Volatile contents ( % ) GB/T 2793	≥98	99
Shore A-hardness GB/T 531.1	40~50	45
Tensile strength MPa GB/T 528	≥2.5	2.8
Elongation at break % GB/T 528	≥400	420
Tear strength( N/mm) GB/T 529	≥8.0	14
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.





Product description

Renz-43 a one-component, high-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to sheet iron, aluminum, stainless steel, lead, copper, ceramic, glass, wood and various plastic materials.

Product features

- One-component, excellent thixotropy, easy for application.
- Excellent sealing performance with metal, glass and a wide range of paints.
- Excellent sealing and cohesion performance, flexible and durable in sealing.

Areas of application

- Body construction of cars,containers,caravans etc,
- Sealing and bonding of ventilation ducts,gutters and spouts etc.
- Sealing of sheet metal seams.
- For vibration reduction in all type of sheet metal assembly works,Sealing against water, air, gas and dust.

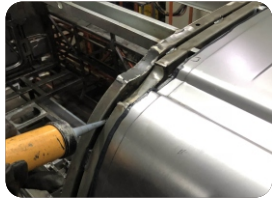
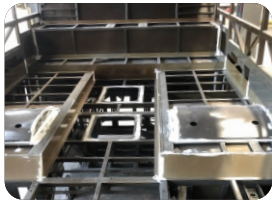
Packing specification

- Cartridge 310ml
- Sausage 400ml / 600ml
- Barrel 240KGS / 260KGS

Technical data<sup>①</sup>

Renz43		
Items	Standard	Typical Value
Appearance	Black,White,Grey, homogenous paste	/
Density GB/T 13477.2	1.55±0.1	1.50
Extrudability ml/min GB/T 13477.4	≥250	400
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	30~50	40
Curing speed (mm/d) HG/T 4363	≥3.0	3.2
Volatile contents ( % ) GB/T 2793	≥95	95
Shore A-hardness GB/T 531.1	50~55	53
Tensile strength MPa GB/T 528	≥1.5	2.1
Elongation at break % GB/T 528	≥450	500
Tear strength( N/mm) GB/T 529	≥10	12
Tensile-shear strength(MPa) GB/T 7124	≥4.0	4.0
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.



Product description

Renz-50 is a single-component sealant based on SIPE resin with excellent sealing performance and cohesion. No corrosion and pollution to base material and environment-friendly. Good splicing performance with metal, staining steel, sheet metal etc. High strength modified silane bonding sealant.

Product features

- Environmental friendly, solvent-free, non-toxic, low VOC.
- Low viscosity, easy to application.
- Surface dry quickly, quick positioning.
- Good weather resistance, good creep resistance, good durability.

Areas of application

Suitable for splicing of the elevator and security door reinforcement.  
Suitable for splicing and sealing joint of metal, galvanized sheet, staining steel, sheet metal etc.

Packing specification

- Cartridge 310ml
- Sausage 600ml
- Drum 240KGS

Technical data<sup>①</sup>

Renz 50		
Items	Standard	Typical Value
Appearance	Black,White,Grey, homogenous paste	/
Density GB/T 13477.2	1.45±0.1	1.50
Extrudability ml/min GB/T 13477.4	≥200	220
Sagging properties(mm) GB/T 13477.6	≤0.5	0
Tack free time <sup>②</sup> (min) GB/T 13477.5	10~60	20
Curing speed (mm/d) HG/T 4363	≥3.0	3.5
Volatile contents ( % ) GB/T 2793	≥97	98
Shore A-hardness GB/T 531.1	45~55	50
Tensile strength MPa GB/T 528	≥2.5	3.0
Elongation at break % GB/T 528	≥400	420
Operating temperature(°C)	-40~90	

①All data above were tested under standardized condition at 23±2°C、50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.





# 1001 Activator

### Product description

1001 is one-component, colorless transparent liquid. Suitable for glass with black ceramic border and painted frame's cleaning and activate, improve to adhesive between primer or sealant and substrates.

### Product features

- No odour, no pollution to substrates, no harmful volatile contents.
- Long active time, excellent activation to substrates, good effect on adhesion improving.

### Areas of application

Suitable for between glass with black ceramic border and painted frame's cleaning and activate, improve to adhesive between primer or sealant and substrates.

### Packing specification

- Can 5ml
- Can 10ml
- Can 50ml
- Can 250ml

### Technical data<sup>①</sup>

1001	
Items	Properties
Appearance	colorless transparent
Tack free time <sup>②</sup> (min) GB/T 13477.5	2, approx.
Effective constituent % GB/T 5174	5, approx.
Density g/cm3 GB/T 13447.2	0.8, approx.
Application temperature°C	5~35

①All data above were tested under standardized condition at 23±2°C, 50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.



# 1002A Primer

### Product description

1002A is one-component, black liquid. Suitable for between glass with black ceramic border and painted frame's bonding for precoat, improve to sealant bonding for substrates.

### Product features

- Film dispersed uniformly, good hiding.
- Fast tack free time, good adhesion to various inert materials.
- Resistant to high temperature and water, good durability in harsh environment such as high temperature and humidity.

### Areas of application

Suitable for between glass with black ceramic border and painted frame's bonding for precoat, improve to sealant bonding for substrates.

### Packing specification

- Can 5ml
- Can 10ml
- Can 50ml
- Can 100ml
- Can 250ml
- Can 1000ml

### Technical data<sup>①</sup>

1002A	
Items	Properties
Appearance	Satin black homogeneous liquid
Tack free time <sup>②</sup> (min) GB/T 13477.5	2, approx.
Solid content % JC/T 408	30, approx.
Density g/cm3 GB/T 13447.2	0.9, approx.
Application temperature°C	5~35

①All data above were tested under standardized condition at 23±2°C, 50±5%RH.  
②Value of tack free time would be affected by change of environmental temperature and humidity.





# Applicators

## Electric sealant gun



Electric sealant gun set

## Pneumatic sealant gun



310ml Sealant Gun



600ml Sealant Gun

## Manual sealant gun



310ml Sealant Gun



600ml Sealant Gun

## Tools



Dauber



Steel wire

# Marketing

## Marketing Capacity - Marketing Network



Partners

 福耀集团 FUYAO GROUP	 信义玻璃	 BEASON AUTO GLASS
 中通客车 ZHONG TONG BUS	 ANKAI	 FOTON 福田汽车
 东风	 长安汽车	 北汽集团 BAIC Group
 BSG AUTO GLASS	 中国中车 CRRC	 五菱汽车
 中国一汽	 SAIC 上汽集团	