New PUR Assortment

To each professional his own foam.

Polyurethane foams

friulsider

PUR
POLYURETHANE FOAMS

A new range of products for all professional needs.

Friulsider PUR Polyurethane foams are the ideal solution to fix, seal, fill up, block and insulate most of the materials used in the construction field. On one side the polyurethane ensures exceptional performance insulation against cold, heat, humidity and noise; on the other side it also guarantees great adherence to surfaces and excellent ability to expand into interstices. These features, combined with an easy and fast application process, have determined the growing success of PUR: that's the reason why **Friulsider** decided to expand its range of foams, offering a specific product for each type of work.

ASSORTMENT
PUR

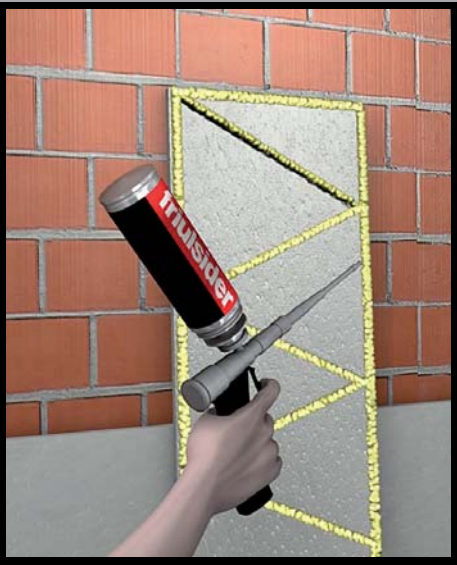
PUR 969	PUR 968	PUR 967	PUR 962	PUR 965	PUR 966	PUR 963	PUR 964	PUR 961	PUR 960
INSULATION	WINDOWS	REI	WINTER	ROOF	ROOF	ALL POSITIONS	B2	B3	B3

Applications


Adesivo
Poliuretanico
Adhesive
PUR
965
INSULATION
FRIULSIDER

PUR INSULATION POLYURETHANE ADHESIVE - INSULATING MATERIALS

NEW



FOR GLUING OF INSULATION PANELS

High yield:
1 bottle = glues 12 m² of insulating panels

Reduced expansion

Resistant to water, humidity and low temperatures

Further thermal insulation (in addition to insulating panel)

Conforms to ETAG 004

B2 Self-extinguishing

High level of resistance to fire, heat and smoke

SUITABLE BASE MATERIALS

styrofoam, styrodur, wood, brick, concrete and mineral wool

NON SUITABLE BASE MATERIALS

polyethylene, silicone, teflon

Code	Content	Volume (free foamed)	Colour	Use	Box q.ty
96900000000	800 ml	43 - 47 lt	yellow	for gun	12

TECHNICAL DATA

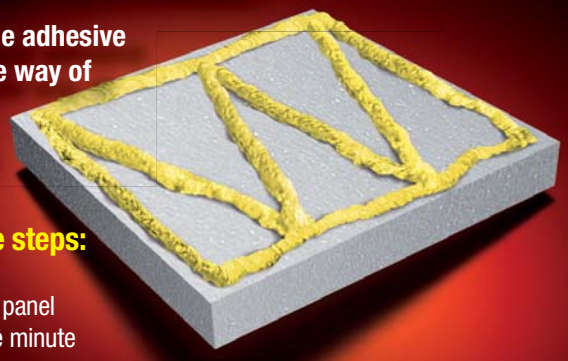
Volume (free foamed)		43 – 47 lt		
Density		16÷18 kg/m³		
Application temperature		min.+5°C (surface) / +20÷25°C (bottle)		
Tack free time	18°C - 60% R.H.	10' ÷ 15'		
Hardening time		1÷2 h (depending on temperature and humidity)		
Cutting time	Ø3cm 18°C - 60% R.H	25'		
Temperature resistance		-40°C ÷ +90°C		
Dimensional stability		max -1%		
Water absorbtion	DIN 53428	max 1 vol. %		
Compression strength	DIN 53421	0,04 ÷ 0,05 MPa		
Tensile strength	DIN 53455	0,07 ÷ 0,08 MPa		
Elongation at break	DIN 53455	20÷30%		
Thermal conductivity	20°C DIN 52612	0,036W/mK		
Adhesion strength at break	ETAG004*	brick 0,16 N/mm²	wood 0,23 N/mm²	osb 0,15 N/mm²
Yield		~10m² panels		
Acoustic insulation	EN ISO 771-1	58 dB		

* Data from ZAG Report nr. P 425/09-460-1

PUR 969 INSULATION

with one box you can glue more than 100 sq.mts. of thermal insulation system in less than one hour!

PUR 969 is the new polyurethane adhesive Friulsider that revolutionizes the way of glueing insulating panels to all the main types of masonry.



Easy installation with 3 simple steps:
1) wet the surface with water
2) apply the adhesive on the insulating panel
3) apply the panel on the wall after one minute

Advantages

CONVENIENT
with one bottle you can glue from 8 to 10 sqare meters of panels

EASY TO CARRY
10 bottles are enough to glue 100 sq.mts of thermal insulation system

PRACTICAL
ready to use

FAST
few seconds to be applied

STRONG
high gluing power

QUICK SETTING
after 2 hours can be plugged

LIGHT AND CLEAN

CONFORMS TO ETAG 004

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PUR WINDOWS PROFESSIONAL POLYURETHANE FOAM - WINDOW FRAMES

NEW

FOR WINDOW FRAMES

High acoustic insulation: 60 dB (according to EN ISO 771-01)
High thermal insulation: 0,036 W/mK

High elasticity and flexibility even when hardened

High dilatation resistance

B2 - Self-extinguishing

High level of resistance to fire, heat and smoke

SUITABLE BASE MATERIALS

wood, concrete, brick, metals, alluminium

NON SUITABLE BASE MATERIALS

polyethylene, silicone, teflon

Code	Content	Volume (free foamed)	Colour	Use	Box q.ty
96800000000	750 ml	40 - 45 lt	yellow	for gun	12

TECHNICAL DATA

Volume (free foamed)		40 – 45 lt
Density		15÷20 kg/m^3
Application temperature		min.+5°C (surface) / +20÷25°C (bottle)
Tack free time	18°C - 60% R.H.	5' ÷ 10'
Hardening time		1,5÷5 h (depending on temperature and humidity)
Cutting time	Ø3cm 18°C - 60% R.H	20'-25'
Temperature resistance		-40°C ÷ +90°C
Dimensional stability		max -1%
Water absorbtion	DIN 53428	max 1 vol. %
Compression strength	DIN 53421	0,04 ÷ 0,05 MPa
Tensile strength	DIN 53455	0,07 ÷ 0,08 MPa
Elongation at break	DIN 53455	35÷45%
Thermal conductivity	20°C DIN 52612	0,036W/mK
Acoustic insulation	EN ISO 771-1	60 dB

PUR 968 WINDOWS

High elasticity for a perfect thermo-acoustic insulation in every season

PUR 968 is the new polyurethane foam Friulsider developed to fix window frames in the most efficient way.

Advantages

HIGH ELASTICITY
absence of shrinkage even after hardened
high elastic return
degree of flexibility similar to silicon sealants

MAXIMUM ACOUSTIC INSULATION
No noise - 60 dB (EN ISO 771-01)

MAXIMUM THERMAL INSULATION
No thermal exchange from the inside to the outside
Maximum thermal insulation: 0,036 W/mK

HIGH ADAPTABILITY AND RESISTANCE IN EVERY SEASON
adapts and absorbes dilatation
no fissures
no cracks
no crumbles
no tensions

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PUR REI PROFESSIONAL POLYURETHANE FOAM - SELF-EXTINGUISHING

B1 SELF-EXTINGUISHING REI 180

Excellent resistance to fire

Fire, heat and smoke barrier

SUITABLE BASE MATERIALS

wood, concrete, brick, metals, alluminium

NON SUITABLE BASE MATERIALS

polyethylene, silicone, teflon

Code	Content	Volume (free foamed)	Colour	Use	Box q.ty
96701000000	750 ml	40 - 45 lt	pink	for gun	12

TECHNICAL DATA

Volume (free foamed)		40 - 45 lt
Density		18÷22 kg/m^3
Application temperature		min.+5°C (surface) / +20÷25°C (bottle)
Tack free time	18°C - 60% R.H.	5' ÷ 10'
Hardening time		1,5÷5 h (depending on temperature and humidity)
Cutting time	Ø3cm 18°C - 60% R.H	20'- 25'
Temperature resistance		-40°C ÷ +90°C
Dimensional stability		max -1%
Water absorbtion	DIN 53428	max 1 vol. %
Compression strength	DIN 53421	0,04 ÷ 0,05 MPa
Tensile strength	DIN 53455	0,07 ÷ 0,08 MPa
Elongation at break	DIN 53455	15÷20%
Thermal conductivity	20°C DIN 52612	0,029 W/mK
Acoustic insulation	EN ISO 771-1	60 dB

Item not suitable for continuous use in contact with high temperatures (eg. chimneys)

PUR 967 REI

fears no fire

Polyurethane single composed foam with high resistance to fire, ideal for electical plants, fireproof doors, safeboxes etc.

Advantages

HIGH RESISTANCE TO FIRE, HIGH TEMPERATURES AND SMOKE

HIGH SETTING
on most construction materials like wood, concrete, brick, metal, aluminum

EXCELLENT THERMAL AND ACOUSTIC INSULATION
FAST HARDENING

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PUR WINTER PROFESSIONAL POLYURETHANE FOAM - WINTER FORMULA

▲ Quantity and delivery terms to be agreed

WINTER FORMULA

Can be applied and used at low temperatures (up to -10°C)

B3

SUITABLE BASE MATERIALS

wood, concrete, brick, metals, alluminium

NON SUITABLE BASE MATERIALS

polyethylene, silicone, teflon

Code	Content	Volume (free foamed)	Colour	Use	Box q.ty
96200000000▲	750 ml	40 - 45 lt (25 lt -10°C)	yellow	for gun	12

TECHNICAL DATA

Volume (free foamed)		40 - 45 lt
Density		16÷18 kg/m³
Application temperature		min. -10°C (surface) / a -10÷25°C (bottle)
Tack free time	18°C - 60% R.H.	5' ÷ 10'
Hardening time		1,5÷5 h (depending on temperature and humidity)
Cutting time	Ø3cm 18°C - 60% R.H	20'- 25'
Temperature resistance		-40°C ÷ +90°C
Dimensional stability		max -1%
Water absorbtion	DIN 53428	max 1 vol. %
Compression strength	DIN 53421	0,04 ÷ 0,05 MPa
Tensile strength	DIN 53455	0,07 ÷ 0,08 MPa
Elongation at break	DIN 53455	20÷30%
Thermal conductivity	20°C DIN 52612	0,036 W/mK
Acoustic insulation	EN ISO 771-1	58 dB

Temperature of application °C	Expansion lt	Hardening time h, ø = 2 cm
-10	25	8 – 10
-5	30	5 – 8
0	35	3 – 5
20	45	1,5 – 2

PUR 962 WINTER

Perfect performance up to -10°

Polyurethane one-component foam developed to be used in winter periods and at low temperatures (up to -10°)

Advantages

CAN BE APPLIED AND USED AT TEMPERATURES UP TO -10°C

EXCELLENT THERMAL AND ACOUSTIC INSULATION
it doesn't harden in the gun's nozzle during pauses

HIGH PERFORMANCE
thanks to precise dosage

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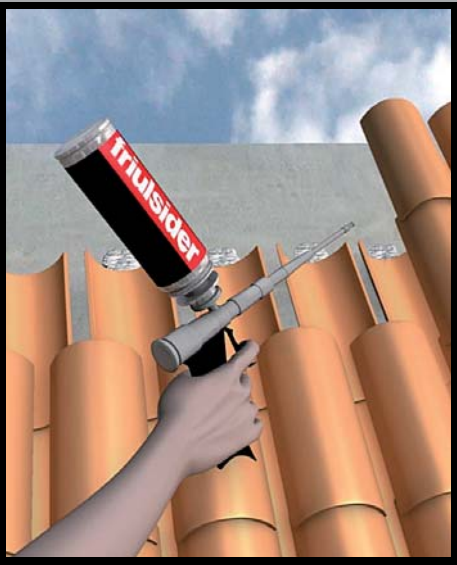
PUR ROOF PROFESSIONAL POLYURETHANE FOAM - ROOF TILES



FOR ROOF TILES

- High bonding strength
- Reduced expansion
- B2
  Self-extinguishing
- High level of resistance to fire, heat and smoke

SUITABLE BASE MATERIALS

wood, concrete, brick, metals, alluminium, slate-sheathed

NON SUITABLE BASE MATERIALS

polyethylene, silicone, teflon

Code	Content	Volume (free foamed)	Colour	Use	Box q.ty
96500000000	750 ml	40 - 45 lt	gray	for gun	12

Code	Content	Volume (free foamed)	Colour	Use	Box q.ty
96600000000	750 ml	40 - 45 lt	gray	manual	12

TECHNICAL DATA

Volume (free foamed)		40 - 45 lt
Density		18÷20 kg/m^3
Application temperature		min.+5°C (surface) / +20÷25°C (bottle)
Tack free time	18°C - 60% R.H.	5' ÷ 10'
Hardening time		1,5÷5 h (depending on temperature and humidity)
Cutting time	Ø3cm 18°C - 60% R.H	20-25'
Temperature resistance		-40°C ÷ +90°C
Dimensional stability		max -1%
Water absorbtion	DIN 53428	max 1 vol. %
Compression strength	DIN 53421	0,04 ÷ 0,05 MPa
Tensile strength	DIN 53455	0,07 ÷ 0,08 MPa
Elongation at break	DIN 53455	20÷30%
Thermal conductivity	20°C DIN 52612	0,036W/mK
Yield		~8m^2 roof
Acoustic insulation	EN ISO 771-1	58 dB

PUR 965-966 ROOF

specific for roof tiles

Polyurethane one-component foam developed for fixing roof tiles to the underlying surface on the roof.

Advantages

REDUCED EXPANSION

EXCELLENT STRENGTH
on all construction materials used to cover roofs

GREAT PERFORMANCE
one 750 ml bottle is enough to cover from 7 to 10 square meters of roof

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PUR ALL POSITIONS PROFESSIONAL POLYURETHANE FOAM MULTIPOSITIONAL

MULTIPOSITIONAL 360°

Can be used in any position

B2
Self-extinguishing

High resistance to fire, high temperatures and smoke

SUITABLE BASE MATERIALS

wood, concrete, brick, metals, alluminium

NON SUITABLE BASE MATERIALS

polyethylene, silicone, teflon

Code	Content	Volume (free foamed)	Colour	Use	Box q.ty
96301000000	750 ml	35 - 40 lt	yellow	manual	12

TECHNICAL DATA

Volume (free foamed)		35 – 40 lt
Density		18÷20 kg/m^3
Application temperature		min.+5°C (surface) / +20÷25°C (bottle)
Tack free time	18°C - 60% R.H.	5' ÷ 10'
Hardening time		1,5÷5 h (depending on temperature and humidity)
Cutting time	Ø3cm 18°C - 60% R.H	20-25'
Temperature resistance		-40°C ÷ +90°C
Dimensional stability		max -1%
Water absorbtion	DIN 53428	max 1 vol. %
Compression strength	DIN 53421	0,04 ÷ 0,05 MPa
Tensile strength	DIN 53455	0,07 ÷ 0,08 MPa
Elongation at break	DIN 53455	20÷30%
Thermal conductivity	20°C DIN 52612	0,036W/mK
Acoustic insulation	EN ISO 771-1	58 dB

PUR 963 ALL POSITIONS

360 degrees of application

Polyurethane one-component foam appliable in all positions; vertical, horizontal, upside down. Perfect to seal up, settle, fill up, insulate and fix on all construction materials.

Advantages

MULTIPOSITIONAL USE
to work easily also in difficult positions.

EXCELLENT THERMAL AND ACOUSTIC INSULATION

EXCELLENT STRENGTH
on all construction materials

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PUR PROFESSIONAL POLYURETHANE FOAM

NEW

B2 Self-extinguishing

High resistance to fire, high temperatures and smoke

SUITABLE BASE MATERIALS

wood, concrete, brick, metals, alluminium

NON SUITABLE BASE MATERIALS

polyethylene, silicone, teflon

Code	Content	Volume (free foamed)	Colour	Use	Box q.ty
96401000000	750 ml	40 - 45 lt	yellow	for gun	12

TECHNICAL DATA

Volume (free foamed)		40 – 45 lt
Density		16÷18 kg/m³
Application temperature		min.+5°C (surface) / +20÷25°C (bottle)
Tack free time	18°C - 60% R.H.	5' ÷ 10'
Hardening time		1,5÷5 h (depending on temperature and humidity)
Cutting time	Ø3cm 18°C - 60% R.H	20'-25'
Temperature resistance		-40°C ÷ +90°C
Dimensional stability		max -1%
Water absorbtion	DIN 53428	max 1 vol. %
Compression strength	DIN 53421	0,04 ÷ 0,05 MPa
Tensile strength	DIN 53455	0,07 ÷ 0,08 MPa
Elongation at break	DIN 53455	20÷30%
Thermal conductivity	20°C DIN 52612	0,036W/mK
Acoustic insulation	EN ISO 771-1	58 dB

PUR 964 PROFESSIONAL

All-purpose B2

Polyurethane one-component foam thought to seal up, settle, fill up, insulate and fix on all construction materials

Advantages

HIGH RESISTANCE TO FIRE, HIGH TEMPERATURES AND SMOKE

HIGH SETTING
on most construction materials like wood, concrete, brick, metal, aluminum

EXCELLENT THERMAL AND ACOUSTIC INSULATION
FAST HARDENING

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PUR POLYURETHANE FOAM

B3

SUITABLE BASE MATERIALS

wood, concrete, brick, metals, alluminium

NON SUITABLE BASE MATERIALS

polyethylene, silicone, teflon

Code	Content	Volume (free foamed)	Colour	Use	Box q.ty
96100000000	750 ml	40 - 45 lt	yellow	for gun	12

Code	Content	Volume (free foamed)	Colour	Use	Box q.ty
96000000000	750 ml	40 - 45 lt	yellow	manual	12

TECHNICAL DATA		PUR 960	PUR 961
Volume (free foamed)		40 – 45 lt	
Density		20÷25 kg/m³	16÷18 kg/m³
Application temperature		min.+5°C (surface) / +20÷25°C (bottle)	
Tack free time	18°C - 60% R.H.	5' ÷ 10'	
Hardening time		1,5÷5 h (depending on temperature and humidity)	
Cutting time	Ø3cm 18°C - 60% R.H	25'-30'	20'-25'
Temperature resistance		-40°C ÷ +90°C	
Dimensional stability		max -1%	
Water absorbtion	DIN 53428	max 1 vol. %	
Compression strength	DIN 53421	0,04 ÷ 0,05 MPa	
Tensile strength	DIN 53455	0,07 ÷ 0,08 MPa	
Elongation at break	DIN 53455	20÷25%	20÷30%
Thermal conductivity	20°C DIN 52612	0,039W/mK	0,036W/mK
Acoustic insulation	EN ISO 771-1	58 dB	

PUR 961 B3

always keep it with you

Polyurethane one-component all-rounder foam thought to seal up, settle, fill up, insulate and fix on all construction materials.

Advantages

EXCELLENT QUALITY/PRICE RATIO

EXCELLENT THERMAL AND ACOUSTIC INSULATION

EXCELLENT STRENGTH
on all construction materials

friulsider

PUR ACCESSOIRES

PROFESSIONAL GUN FOR POLYURETHANE FOAM

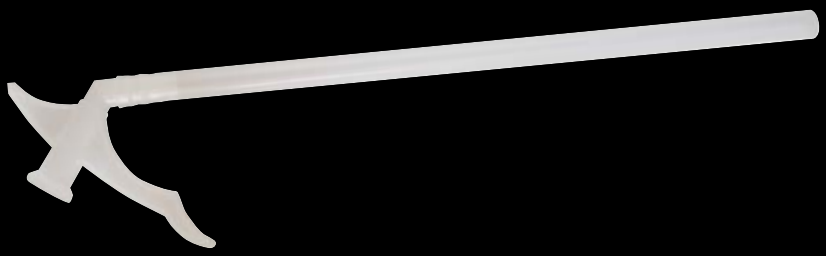
Code	€ 1 pz	Box q.ty
49906000000	101,34	1

GUN FOR POLYURETHANE FOAM

Code	€ 1 pz	Box q.ty
49906000001	43,90	1

CLEANING BOTTLE

Code	€ 1 pz	Box q.ty
49907000000	13,61	12



NOZZLE FOR MANUAL POLYURETHANE FOAM

Code	€ 1 pz	Box q.ty
94950000000	0,28	10

STAMP OF THE SELLER

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