

SOUDAL



Leader in Sealants, Foams and Adhesives technology.

SMX[®] Sealants

Soudal GUNS

The SMX[®] products are advanced polymer based sealants and adhesives developed by Soudal and introduced under the SoudaSeal[®] brand.

The success of SMX[®] technology is a result of high performance characteristics and a wide range of environmentally safe applications.




SoudaSeal 150LM

SoudaSeal 150LM is an ultra low-modulus and high movement SMX[®] joint sealant. This product is highly elastic and is used for joints with extreme movement. Movement up to +100/-50%, ASTM C920.


Available in:
10.1 fl.oz. cartridges
20 fl.oz. sausages



SoudaSeal 50LM

SoudaSeal 50LM is a low-modulus and high movement SMX[®] joint sealant. This product is highly elastic and has high bond strength on nearly all surfaces. Movement up to +/- 50%, ASTM C920.

Available in:
10.1 fl.oz. cartridges
20 fl.oz. sausages



SoudaSeal AP

SoudaSeal AP is a one part high quality, gun grade, moisture curing elastomeric waterproofing and sealing material for general construction. It has excellent bond strength to nearly all porous and non-porous substrates without the use of a primer, including concrete, brick, stone, metal, glass and wood. Movement up to +/-35%, ASTM C920.

Available in:
10.1 fl.oz. cartridges
20 fl.oz. sausages



SoudaSeal FC

SoudaSeal Fast Cure SMX[®] adhesive/sealant with high initial tack. It can be used for high strength sealing and bonding in a wide range of applications.

Available in:
10.1 fl.oz. cartridges
20 fl.oz. sausage



SoudaSeal SL

SoudaSeal Self Levelling is a SMX[®] sealant offering superior adhesion to concrete and many other substrates. Ideal for sealing horizontal expansion joints and cracks in sidewalks, patios and foundations. Application in almost all weather conditions.

Available in:
20 fl.oz. sausages
29 fl.oz. pro pack



SoudaSeal CL

SoudaSeal Crystal Clear SMX[®] adhesive / sealant. A crystal clear product without compromising performance.

Available in:
10.1 fl.oz. cartridges

Soudal is a leading manufacturer of polyurethane foams. It has developed a wide range of products offering reliable solutions for many different applications. Soudal's polyurethane foams combine strong mechanical characteristics with excellent thermal and acoustic insulation values.

All PU-Foams have the following general characteristics:

- Semi-rigid structure with closed cells (>70%)
- Can be trimmed, sanded and painted after full cure.
- Strong bonding characteristics
- Excellent adhesion on most common materials
- Excellent thermal and acoustic insulating properties
- Environmentally friendly (CFC free) propellant gas




SoudaFoam G&B FIREBLOCK

SoudaFoam G&B (Gap & Block) is a one-component, self-expanding, ready-to-use professional gun application fire block polyurethane foam. The product has a low expansion and high yield.

Available in:
24oz aerosol cans



SoudaFoam HOT WEATHER

SoudaFoam Hot Weather is a one component, moisture curing PU-Foam developed especially to perform in dry desert heat conditions where traditional PU-Foams fail to extrude and cure properly. The foam can be used in temperatures as high as 120°F (49°C) with a can and surface temperature between 50°F - 95°F (10°C - 35°C)!

Available in:
24oz aerosol cans



SoudaFoam COLD WEATHER

SoudaFoam Cold Weather is a one component, moisture curing PU-Foam developed especially to perform under difficult freezing temperature conditions where traditional PU-Foams fail to extrude and cure. The foam will even cure at ambient temperature of min. -13°F (-25°C) with a can temperature of 41°F (5°C). The foam will extrude AND cure at a temperature of min. 14°F (-10°C)!

Available in:
24oz aerosol cans



SoudaFoam D&W

SoudaFoam D&W (Door & Window) is a one-component, self-expanding, ready-to-use professional gun application polyurethane foam. The product has a low expansion and a high yield.

Available in:
24oz aerosol cans



Cleaners

SoudaFoam CLEANER

Gun & Foam Cleaner is a cleaning aerosol for use on SoudaFoam D&W. It can be used to clean gun applicators and valves or to remove uncured foam.

Available in:
12oz aerosol cans

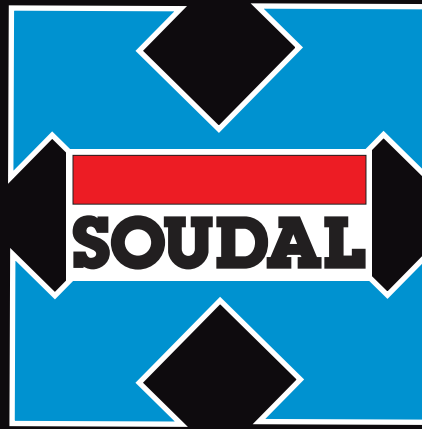


Swipex 80 XXL WIPES

Heavy-duty non-woven wipes impregnated with a liquid formula for removing paint and other associated soils such as inks, adhesives, sealants, foams, oils and greases from hands, tools and general hard surfaces.

ADHESION

- More substrates than any other technology without primer
- PVC/Vinyl
- Concrete, stone
- Wood, glass
- Metal
- KYNAR paints / coatings



APPLICATION

- Less dirt pick-up versus silicones
- Low temperature workability
- Easy to tool- Paintable
- Mildew resistant
- No shrinkage, no bubbling

ENVIRONMENTALLY FRIENDLY

- 100% solvent free
- 100% isocyanate free
- Low odor
- VOC compliant
- 100% solids
- See Technical Data Sheets for more information

DURABILITY

- Can be used on damp substrates
- Movement capability of up to +100/-50%
- UV stable
- Exceptional lifespan
- Excellent tear resistance
- Superior weather resistance

	SMX Sealants	Polyurethanes	Silicones	Latex Sealants
Exterior	X	X	X	
Interior	X	X	X	X
Permanently Flexible	X		X	
Solvent Free	X		X	X
Waterproof	X	X	X	
Paintable	X	X		X
Superior Adhesion	X			
No bubbling	X		X	X
Low Temperature Gunnability	X		X	
UV stable	X		X	
Odor Free	X			

Technical Data	SoudaSeal 150LM	SoudaSeal 50LM	SoudaSeal FC	SoudaSeal CL	SoudaSeal AP	SoudaSeal SL
Base	SMX Technology	SMX Technology	SMX Technology	SMX Technology	SMX Technology	SMX Technology
Curing system	Moisture Cure	Moisture Cure	Moisture Cure	Moisture Cure	Moisture Cure	Moisture Cure
Sag (ASTM C 639)	No sag in vertical displ. @ 120°F	No sag in vertical displ. @ 120°F	No sag in vertical displ. @ 120°F	No sag in vertical displ. @ 120°F	No sag in vertical displ. @ 120°F	selfleveling
Hardness, Shore A (ASTM C 661)	20 ± 5	25 ± 5	50 ± 5	35 ± 5	25 ± 5	30 ± 5
Tensile Strength, psi (MPa) (ASTM D 412)	165 psi	230 psi	400 psi	330 psi	250 psi	150 psi
Elongation at Break, %	>1000%	>1000%	500%	300%	800%	400%
Movement Capability, %	+100 / -50%	+50/-50%	±25%	± 25%	± 35%	± 25%
Skin Formation Time (68°F, 65% R.H.)	18 minutes	11 minutes	5 minutes	3 minutes	18 minutes	50 minutes
Curing Rate (68°F, 65% R.H.)	1/12 inch per 24 hours	1/12 inch per 24 hours	1/8 inch per 24 hours	1/8 inch per 24 hours	1/12 inch per 24 hours	1/12 inch per 24 hours
Stain and color change (ASTM C 510)	Passes	Passes	Passes	Passes	Passes	Passes
Artificial weathering (ASTM C 793, 2,000 h Xenonarc)	No cracking	No cracking	No cracking	No cracking	No cracking	No cracking
Temperature resistance	-40°F to 200°F	-40°F to 200°F	-40°F to 200°F	-40°F to 200°F	-40°F to 200°F	-40°F to 200°F



MADE IN THE USA

