

# PFE TECHNOLOGIES PTE LTD

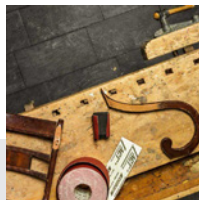
ABRASIVES • SEALANTS • ADHESIVES • PU FOAMS



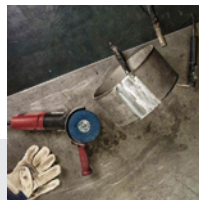
SANDING • GRINDING • DEBURRING • CUTTING • POLISHING • FINISHING  
SEALING • BONDING • FIRESTOPPING • FILLING • INSULATING • WATERPROOFING



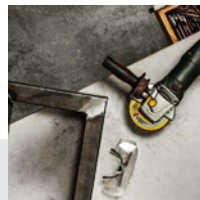
**ABRASIVE  
TECHNOLOGY**



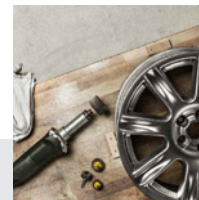
**ROLLS / BELTS /  
SHEETS**



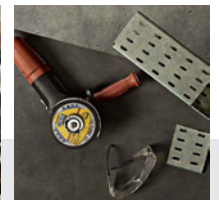
**FIBRE DISCS**



**MOP / FLAP  
DISCS**



**MOP / FLAP  
WHEELS**



**CUTTING /  
GRINDING DISCS**



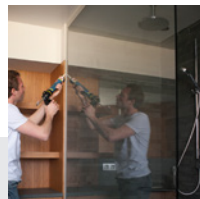
**EXPERTS IN SEALANTS,  
FOAMS, AND ADHESIVES**



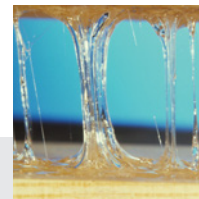
**FIX ALL HYBRID  
POLYMERS**



**POLYURETHANE  
FOAMS**



**SEALANTS**



**ADHESIVES**



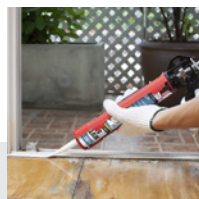
**SPECIALTY  
CHEMICALS**



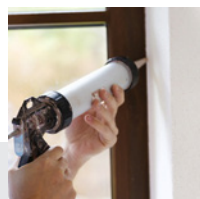
**EXPERTISE IN SEALANT  
TECHNOLOGY**



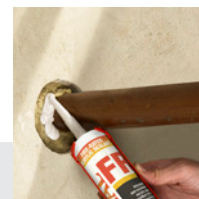
**ACRYLIC  
SEALANTS**



**SILICONE  
SEALANTS**



**POLYURETHANE  
SEALANTS**



**FIRE-RATED  
SEALANTS**



**SEALANT  
HARDWARE**



## KLINGSPOR ABRASIVE TECHNOLOGY

KLINGSPOR abrasives are high-quality, made-in-Germany products designed to meet the requirements of the most demanding applications. With a wide range of coated and bonded abrasives in the form of sandpaper rolls, belts, sheets, mop / flap discs and wheels, grinding discs, and cutting-off wheels, Klingspor provides sanding and abrasive solutions for industries requiring high performance products offering the best value.

Klingspor A.G. is headquartered in Germany, and PFE Technologies Pte Ltd is the exclusive distributor and abrasive converter for Klingspor in Singapore. We support our customers with in-house roll, sheet, and disc conversion, as well as belt jointing services, and can supply in a wide range of sizes, specifications, and joint types.



### KLINGSPOR ABRASIVE ROLLS

<b>PS 22 F</b>	Premium paper roll with long service life and low clogging	Aluminium oxide	P40 - 400	sizes on request
<b>PS 28 F</b>	Paper roll with open coat and antistatic properties	Aluminium oxide	P40 - 220	sizes on request
<b>KL 361 JF</b>	Universal cloth roll which adapts to workpiece contours	Aluminium oxide	P30 - 600	sizes on request
<b>LS 309 JF</b>	Highly flexible cloth roll with fine scratch pattern	Aluminium oxide	P60 - 600	sizes on request



### KLINGSPOR ABRASIVE BELTS

<b>CS 310 X</b>	Universal belt for metalworking for use in high stress	Aluminium oxide	P16 - 600	sizes on request
<b>CS 411 Y</b>	Tear resistant, high aggressiveness and performance belt	Zirconia alumina	P36 - 120	sizes on request
<b>CS 341 X</b>	Universal belt for wet grinding with excellent service life	Aluminium oxide	P60 - 600	sizes on request
<b>CS 912 Y</b>	High performance, continuously aggressive belt	Ceramic al. oxide	P36 - 180	sizes on request
<b>LS 309 X</b>	Universal belt with excellent price-performance ratio	Aluminium oxide	P40 - 360	sizes on request
<b>CS 321 X</b>	Belt for wet / dry grinding of difficult-to-machine materials	Silicon carbide	P80 - 800	sizes on request



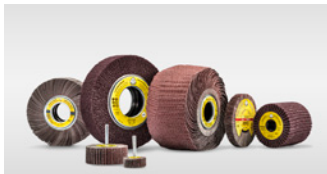
### KLINGSPOR ABRASIVE FIBRE DISCS

<b>CS 561</b>	Fibre disc with high material removal rates & optimal finish	Aluminium oxide	P16 - 320	100 x 16 mm
			P16 - 320	125 x 22 mm
			P16 - 320	150 x 22 mm
			P16 - 320	180 x 22 mm



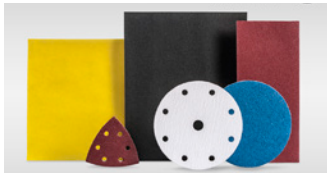
### KLINGSPOR ABRASIVE MOP DISCS (FLAP DISCS)

<b>SMT 527</b>	Abrasive mop disc with aggressive flaps and flat design	Aluminium oxide	P40 - 120	100 x 16 mm
<b>SMT 626</b>	Mop disc with long service life due to unique flap angle	Zirconia alumina	P60 - 120	100 x 16 mm



### KLINGSPOR ABRASIVE MOP WHEELS (FLAP WHEELS)

<b>SM 611</b>	Mop wheel for achieving very smooth surface finish	Aluminium oxide	P40 - 320	various sizes
<b>KM 613</b>	Universal small abrasive mop with spindle	Aluminium oxide	P40 - 320	various sizes



### KLINGSPOR ABRASIVE SHEETS / DISCS

<b>PS 11 A/C</b>	High quality, flexible, waterproof sheets for hand sanding	Silicon carbide	P60 - 2000	230 x 280 mm
			P60 - 400	200 mm disc
<b>PS 28 F</b>	Disc for universal sanding, self-adhesive backing available	Aluminium oxide	P40 - 180	sizes on request



### KLINGSPOR GRINDING DISCS

<b>A 24 Extra</b>	Standard disc with excellent price/performance	100x6x16	125x6x22	180x6x22	230x6x22
<b>A 24 R Supra</b>	Disc with optimized recipe for use on steel	100x4x16	125x4x22	125x6x22	180x6x22



### KLINGSPOR CUTTING-OFF WHEELS

<b>A 24 Extra</b>	Universal wheel with proven performance	100x2.5x16	125x2.5x22	180x3x22	180x3x22
<b>A 24 R Supra</b>	Wheel with optimized recipe for use on steel	180x3x22	180x3x22	350x3.5x25.4	
<b>A 46 TZ Special</b>	High performance wheel with long service life	100x1.6x16	115x1.6x22	125x1.6x22	
<b>A 960 TZ Special</b>	Thin, top quality wheel with optimized bond	105x1x16	115x1x22	125x1x22	

## SOUDAL - EXPERTS IN SEALANTS, ADHESIVES, AND PU FOAMS

SOUDAL is one of the world's largest independent manufacturers of sealants, foams, and adhesives. Their high-quality, high-tech products are manufactured in Soudal's world-class manufacturing facilities in Belgium, ensuring top quality and dependable consistency. Established in 1966, Soudal has since grown to be an international manufacturer of a wide range of chemical products for the construction, industrial, and retail markets, with sales in over 150 countries.

### SOUDAL FIX ALL HYBRID POLYMER - THE ULTIMATE SEALANT ADHESIVE

SOUDAL FIX ALL is based on the advanced, proprietary SOUDAL SMX hybrid polymer system, which integrates many important sealant and adhesive technical properties. The result is a product range that can bond and seal anything, anywhere - providing solutions to a wide range of difficult sealing and bonding applications.

**Extremely high bond strength** - up to 32 kg/cm<sup>2</sup> - easily outperforms other construction adhesives.

**Retains permanent elasticity** - allowing it to be used as a sealant in joints with movements.

**Accommodates for movements** in bonding applications, retaining its structure where other adhesives crack.

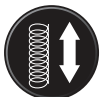
**Bonds on virtually any surface**, whether porous or non-porous. Works on wet substrates - even underwater.

**Impervious to water, weather, and UV** - can be used in interior or exterior, with exceptional durability.

**No solvents and other harmful emissions** - odour-free and harmless to health. No shrinkage.



**SUPER STRONG**



**REMAINS FLEXIBLE**



**BONDS ON ANY SURFACE**



**INTERIOR & EXTERIOR**



**U.V. RESISTANT**



**CAN BE OVERPAINTED**



**LOW EMISSIONS**



**MOULD RESISTANT**



<b>FIX ALL FLEXI</b>	Super versatile - combines high bond strength with higher elasticity. Sanitary grade, EC1+ very low emissions.	White, grey, black
<b>FIX ALL CRYSTAL</b>	100% crystal clear sealant/adhesive for invisible sealing and bonding applications. Food grade FDA CFR 21:177.	Crystal clear
<b>FIX ALL TURBO</b>	Super fast, high strength adhesive capable of bonding heavy materials in as little as 20 minutes. KOMO certified.	White
<b>FIX ALL HIGH TACK</b>	Super strong, heavy duty adhesive/sealant with high initial grab. Sanitary grade, EC1+ very low emissions.	White
<b>FIX ALL XTREME</b>	The ultimate adhesive with extreme initial grab - strong enough to hold 400 kg / m <sup>3</sup> upon contact.	White

\*All FIX ALL products are packed in 290 ml cartridges, 12 / box.

### SOUDAL POLYURETHANE FOAMS

SOUDAL PU foams are one-part, self-expanding products that cure to become semi-rigid foams made of millions of cells, with resistance to water and chemicals, making them an ideal product for sealing and filling large joints/gaps with a requirement of insulation. Each 750 ml can of foam can achieve up to 50 litres of cured foam.

<b>FILL &amp; FIX FOAM</b>	Medium-high yield, includes straw adapter. Easy to use.	750 ml, 12 / box
<b>SOUDAFOAM FR</b>	4 hour fire-rated foam (EN 13501) with straw adapter.	750 ml, 12 / box
<b>SOUDAFOAM GUN B3</b>	Very high yield, superb insulation. Requires separate foam gun.	750 ml, 12 / box
<b>GUN &amp; FOAM CLEANER</b>	Cleaner for maintenance of gun and cleaning uncured foam.	500 ml, 12 / box
<b>PU FOAM GUN</b>	Ergonomic, compact foam gun for SOUDAFOAM GUN B3.	1 / box



### SOUDAL SPECIALTY SEALANTS & ADHESIVES

SOUDAL sealants and adhesives include a wide variety of different products, each with its own performance parameters to satisfy demanding critical or specialty applications.

<b>SILIRUB CLEANROOM</b>	Cleanroom silicone tested to FDA specs	310 ml, 15 / box	White
<b>SILIRUB 2/S</b>	Food grade silicone tested to FDA specs	310 ml, 15 / box	White, various
<b>GASKETSEAL</b>	Acetic silicone with resistance up to 285°C	310 ml, 12 / box	Red
<b>CALOFER</b>	Hard sealing paste with resistance up to 1500°C	310 ml, 15 / box	Black
<b>METAL FIX</b>	High-strength, fast-grab sealant/adhesive	290 ml, 6 / box	Metallic silver
<b>SOUDASEAL FR</b>	4-hr fire-rated hybrid polymer sealant/adhesive	600 ml, 12 / box	White, grey
<b>PRO 40P</b>	High strength liquid PU construction adhesive	750 g, 6 / box	Brown



# PERESEAL

EXPERTISE IN SEALANT TECHNOLOGY

www.pereseal.com

















## PERESEAL CONSTRUCTION SEALANTS

PERESEAL is a brand owned and manufactured by PFE Technologies Pte Ltd since 1978. As a brand with a long and established history of reliability, Pereseal aims to bring consistent high quality to every application of every user, from large construction projects to the DIY home user.

Pereseal has been used extensively in countless construction projects in Singapore and the region, with one of our first major projects being the construction of Changi Airport in the 1980s.

Made in Singapore since 1978, Pereseal provides the whole suite of supply, sales, and technical service to ensure first-rate support and applications in every project.



<b>PERESEAL 702</b> High Performance Acrylic Sealant	Professional grade sealant for use in duct sealing and construction sealing and caulking. Tested by TÜV SÜD PSB and conforms to ASTM C920. Low VOC - qualifies for LEED IEQc4.1.	  	300 ml, 20 / box 330 ml, 20 / box White, grey
<b>PERESEAL 802</b> Glass & Metal Silicone Sealant	High performance acetic-curing silicone with exceptional adhesion to glass and metal. Suitable for all glazing, cladding, and sealing applications. Tested by TÜV SÜD PSB and conforms to ASTM C920.	 	280 ml, 25 / box White, black, clear, grey
<b>PERESEAL FR</b> Fire-rated Acrylic Sealant	Intumescent sealant with a 4 hour fire-rating tested by Bodycote Warringtonfire to BS 476 Part 20, complete with TÜV SÜD PSB Certificate of Conformity. Low VOC - qualifies for LEED IEQc4.1.	  	300 ml, 20 / box White, grey
<b>PERESEAL N</b> Neutral Seal Weatherproof Sealant	Top quality silicone that has outstanding adhesion, exceptional durability, and permanent elasticity. For demanding construction sealing. Tested by TÜV SÜD PSB and conforms to ASTM C920.	 	280 ml, 25 / box White, black, clear, grey
<b>PERESEAL AF</b> Bathroom & Kitchen Sealant	Top grade anti-fungal neutral silicone. Non-staining. Tested by TÜV SÜD PSB and conforms to ISO 846 and HDB sanitary specifications. Listed as a HDB Approved Material for Sanitary Sealant.	  	280 ml, 25 / box White, clear
<b>PERESEAL MP</b> Multi-Purpose Silicone Sealant	High quality, all-purpose acetic-curing silicone that cures to form a flexible, durable, weather- and water-tight seal. Excellent adhesion. Suitable for a wide range of sealing applications.		280 ml, 25 / box White, clear, grey
<b>PERESEAL PC</b> Painters' Caulk for Gaps & Cracks	Over-paintable acrylic sealant specially formulated for convenient, mess-free applications on paint jobs and other construction applications requiring a paintable sealant or caulk.		300 ml, 20 / box White
<b>PERESEAL PU</b> High Performance PU Sealant	For bonding, sealing, and expansion joints. Tested by TÜV SÜD PSB and conforms to ASTM C920. HDB Approved Material as a sealant for Semi-Precast Construction and for Aluminium Windows.	  	600 ml, 12 / box Concrete grey

## ABOUT PFE TECHNOLOGIES

PFE TECHNOLOGIES PTE LTD is an established company with an extensive history of quality, consistency, and reliability. The company manufactures and distributes a range of construction and industrial products, namely in abrasives, sealants, and adhesives. The company holds exclusive distribution rights for KLINGSPOR abrasives from Germany and SOUDAL construction chemicals from Belgium, besides having her own brand of PERESEAL sealants.

Established in Singapore in 1978, the company has gained a reputation for quality, reliability and outstanding value. PFE Technologies prides itself on technical excellence, and services clients in the form of conducting compatibility tests, onsite testing, problem-solving, and troubleshooting. Our engaging and experienced sales team is always ready to assist with any sales or technical enquiries.

*This product catalogue is not exhaustive. We welcome any enquiries for more information or recommendations for your applications, and will be glad to assist you. More information, documentations, resources, data sheets, and test reports are available at our website [www.pfe.tech](http://www.pfe.tech).*



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