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# Silicones, Sealants and Adhesives

Low Movement Expansion and Contraction Joints	Chemical plants and high trafficked joints	Chemical resistant, damp substrate bonding	Polyurethane/Epoxy/Tar	<b>flexothane CTW</b>
	Chemical plants, factory and warehouse floors	Fuel, chemical and abrasion resistant	Polyurethane/Epoxy	<b>flexothane EPU</b>
High Temperature Resistant	Silicone sealant/gasketing compound	From -60 °C to +250 °C constant and +300 °C intermittent	Silicone rubber	<b>abe® gasket red</b>
Fire Resistant	Fire rated inumescent acrylic sealant	One part acrylic with a fire rating of up to 2 hours	Acrylic	<b>DowSil™ firestop 400</b>
	Neutral curing fire rated silicone sealant	One part silicone rubber with up to a 4 hour fire rating	Silicone	<b>DowSil™ firestop 700</b>
Adhesives	General filling of cavaties, cracks and holes	Expanding polyurethane foam for filling of voids	Polyurethane	<b>abe® pu filler foam</b>
	Slot sealing compound in roads, runways, hardstands, aprons and car parks	Cold applied, pourable, self-levelling and fast setting	Epoxy tar	<b>epidermix 316</b>
	Joining metal or cementitious water main pipe sections	Epoxy adhesive/grout and patching compound	Epoxy	<b>epidermix 338</b>
	Adhesive, filler and grouting medium	General purpose adhesive for most materials		<b>epidermix 372</b>
	Structural adhesive for most building materials	Structural dry-to-dry epoxy adhesive	Polyurethane modified epoxy	<b>epidermix 350</b>
	Fixing 22 mm woodblock flooring	Economical, solvent free, woodblock adhesive	Bitumen	<b>grip-a-bloc</b>
	Wet and dry bonding and sealing	Bonds and seals most materials	Scypolymer	<b>theWORKS</b>
Manhole Sealants and Butyls	Manhole and concrete butt joint sealing	Cold applied, pre-formed, pressure sensitive sealant	Bitumen	<b>abe® bitumen manhole sealer</b>
	Manhole and low movement vertical and inclined joints	Cold applied, jointing compound	Modified bitumen	<b>abe® bitu.®joint putty</b>
	Sealing of concrete butt joints in precast elements	Cold applied, solvent free pre-formed butyl sealant	Butyl rubber	<b>abe® butyl joint sealer</b>
General Sealing	Gap filling, paintable sealant	Fast cure, flexible, paintable	Acrylic	<b>abe® acrylic</b> <b>abe® PAINTERS acrylic</b>
	Non-porous, non-cementitious materials	High strength, 100% silicone, MAF 25%	Acetoxo	<b>DowSil™ 781</b>
	Porous and non-porous surfaces	Weatherseals, non-corrosive, low odour	Neutral cure	<b>DowSil™ 799</b>
Weatherseals, expansion and perimeter joints		<b>DowSil™ 813C</b>		
Structural Glazing	Structural bonding of glass and metal	One component, high tensile strength, single part	Neutral cure	<b>DowSil™ 895</b>
		Two component, pump applied		<b>DowSil™ 993</b>
	Insulated glazing sealant for structural glazing	Low water absorption, secondary seal for IG units		<b>DowSil™ 3362</b>
High Movement Construction and Expansion Joints	Concrete contraction and expansion joints	Seals irregular surfaces, fuel resistant, UV stable	Silicone	<b>DowSil™ 888</b>
	Concrete and asphalt construction and expansion joints	Seals irregular surfaces, fuel resistant, self-levelling		<b>DowSil™ 890 SL</b>
	Concrete and steel bridge expansion joints	Seals irregular surfaces, self-levelling, rapid cure		<b>DowSil™ 902 RCS</b>

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Medium Movement Expansion and Contraction Joints	Civil engineering structures, reservoirs and floors	Chemical, biological resistance and potable water	Polysulphide	<b>dura.®kol G HM</b>
	High rise structures, floor and general building joints	Water and certain chemical resistance		<b>dura.®kol G LM</b>
	Floors, canals and horizontal joints	Pourable, self-levelling joint sealant		<b>dura.®kol P LM</b>
	Concrete, brickwork, steel, aluminium and ceramic tiles	Elastomeric, low modulus, moisture curing	Polyurethane	<b>flexothane 1</b>
	Concrete, brickwork, steel, aluminium and ceramic tiles	Elastic, low modulus, gun grade, moisture curing		<b>flexothane 27</b>
	Civil engineering structures, reservoirs and floors	Raw water, sewage and reticulation works		<b>flexothane G</b>
		Raw water, sewage works, bacteria resistance		<b>flexothane P</b>
Pavements, garage forecourts, fuel depots	Flexible, self-levelling, fuel and chemical resistance	Polyurethane/Tar	<b>flexothane HS</b>	
Auxillaries	For forming expansion joints or as backing material for joints	Suitable for water retaining structures ( <b>dura.®sheet 100</b> )	Polyurethane	<b>dura.®cord</b> and <b>dura.®sheet 40/100</b>