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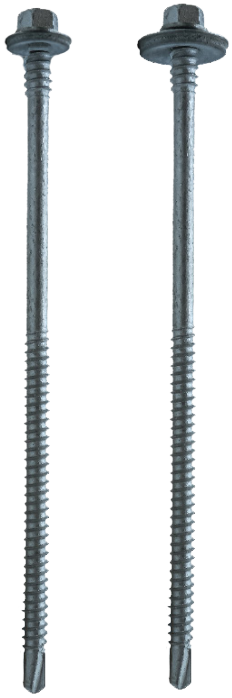

PRODUCT DATASHEET
COMPOSITE PANEL FASTENER

PRODUCT DETAILS

Purpose:	Fixing cladding and roofing applications to hot and cold rolled purlins and rails or steel wall channeling through insulation to studs.
Head style and drive:	Hexagonal, 5/16" hexagonal
High Thread Form:	Coarse Thread
Primary Thread Form:	Coarse Thread
Drill Point:	Tek 3
Material Grade:	AISI C1022
Coating:	500hr EvoShield ®
Washer:	Bonded EPDM
Recommended Drill Speed:	1500 – 2500RPM

GENERAL PHYSICAL CHARACTERISTICS

Product Code	Size	Washer	Insulation Thickness Range	Drilling Capacity
TSBWHT5.5-80-3	5.5 x 80mm	16mm	25-65mm	1.2-3.5mm
TSBWHT5.5-105-3	5.5 x 105mm	16mm	50-90mm	1.2-3.5mm
TSBWHT5.5-115-3	5.5 x 115mm	16mm	40-100mm	1.2-3.5mm
TSBWHT5.5-135-3	5.5 x 135mm	16mm	60-120mm	1.2-3.5mm
TSBWHT5.5-150-3	5.5 x 150mm	16mm	75-135mm	1.2-3.5mm
TSBWHT5.5-165-3	5.5 x 165mm	16mm	90-150mm	1.2-3.5mm
TSBWHT16-5.5-185-3	5.5 x 185mm	16mm	110-170mm	1.2-3.5mm
TSBWHT16-5.5-200-3	5.5 x 200mm	16mm	125-185mm	1.2-3.5mm

Product Code	Size	Washer	Insulation Thickness Range	Drilling Capacity
TSBWHT19-5.5-80-3	5.5 x 80mm	19mm	25-65mm	1.2-3.5mm
TSBWHT19-5.5-105-3	5.5 x 105mm	19mm	50-90mm	1.2-3.5mm
TSBWHT19-5.5-135-3	5.5 x 135mm	19mm	60-120mm	1.2-3.5mm
TSBWHT19-5.5-150-3	5.5 x 150mm	19mm	75-135mm	1.2-3.5mm
TSBWHT19-5.5-185-3	5.5 x 185mm	19mm	110-170mm	1.2-3.5mm
TSBWHT19-5.5-200-3	5.5x200mm	19mm	125-185mm	1.2-3.5mm
TSBWHT19-5.5-225-3	5.5 x 225mm	19mm	150-210mm	1.2-3.5mm
TSBWHT19-5.5-240-3	5.5 x 240mm	19mm	165-225mm	1.2-3.5mm
TSBWHT19-5.5-275-3	5.5 x 275mm	19mm	200-260mm	1.2-3.5mm
TSBWHT19-5.5-300-3	5.5 x 300mm	19mm	225mm-285mm	1.2-3.5mm

TECHNICAL DATA

TEK 3 range –Characteristic Withdrawal Resistance							
Diameter	Drill Point	Steel Thickness					
		1.2mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm
5.5mm	TEK 3	1,695N	2,006N	2,885N	4,225N	5,740N	6,360N

CHARACTERISTIC MECHCANICAL PROPERTIES

Property	Magnitude
Tensile Capacity, (F_{ult},R_k)	12,060N
Shear Capacity, (V_{ult},R_k)	7,990N
Torsional Capacity, ($_{ult}$,R_k)	15,8Nm