Troldtekt® accessories

Product data, Troldtekt® screws

Troldtekt®
Natural acoustic solutions

TROLDTEKT® SCREWS

Troldtekt screws have been specially developed for installing Troldtekt panels. Both screws with crosshead (PH2) and screws with Torx head (Torx 20) are Ø13 mm. Troldtekt screws are electrogalvanised and coated in colours that complement Troldtekt natural wood and natural grey panels as well as standard Troldtekt colours.

TROLDTEKT® SCREWS FOR WOOD AND STEEL

Max. 0,7 mm steel





SIZE	HEAD	COLOUR
4.2×45 mm, Ø13	PH2	Natural grey, natural wood, white 101, grey 202, black 207
4.2×55 mm, Ø13	PH2	Natural grey, natural wood, white 101, grey 202, black 207
4.2×70 mm, Ø13	PH2	Natural grey, natural wood, white 101
4.2×80 mm, Ø13	PH2	Natural grey, natural wood, white 101

TROLDTEKT® SCREWS FOR WOOD (WITH WASHER)

SIZE	HEAD	COLOUR
3.9×45 mm, Ø13	Torx 20	Natural wood

TROLDTEKT® SCREWS FOR STEEL (WITH WASHER)

Max. 2.5 mm steel
Self-drilling, with drill-shaped point

SIZE	HEAD	COLOUR
3.5×45 mm, Ø13	PH2	Natural grey, natural wood, white 101
3.5×60 mm, Ø13	PH2	Natural grey, natural wood, white 101

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QUANTITIES

PANEL THICKNESS (mm)	PANEL LENGTH (mm)	SCREW DIMENSIONS For wood/steel (mm)	SCREW DIMENSIONS For steel (mm)	NO. OF SCREWS (per panel)	MAX. SPAN (mm)	NO. OF PH2 SCREWS (per pack)	NO. OF TORX SCREWS (per pack)
25/43	600	3.9/4.2×45	3.5×45	4	600	100	250
	1200	-	-	6	-	-	-
	2000	-	-	10	-	-	-
	2400	-	-	10	-	-	-
35/53	600	4.2×55	3.5×45	4	600	100	-
	1200	-	-	6	-	-	-
	2000	-	-	10	-	-	-
	2400	-	-	10	-	-	-
	600	4.2×70		4	600	100	-
	1200	-		6	-	-	-
	2000	-		10	-	-	-
	2400	-		10	-	-	-
	600	4.2×80		4	600	100	-
	1200	-		6	-	-	-
	2000	-		10	-	-	-
	2400	-		10	-	-	-

PROPERTIES

DIMENSIONS	
Thickness (mm)	3.5/3.9/4.2
Length (mm)	45/55/70/80

FINISH	
Electrogalvanised	18 µ plating
Coating	Paint

CORROSION-RESISTANCE

Corrosion tests re DS/EN ISO 9227: 2006.
Corrosion tests in artificial atmospheres
– Salt spray tests

APPLICATION

Troldtekt screws are suitable for indoor use. In very aggressive environments, we recommend screws with extra corrosion protection, C5.

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Painting instructions for Troldtekt acoustic panels

PAINTING TROLDTEKT ACOUSTIC PANELS

When painting Troldtekt acoustic panels, the process depends on whether you are painting untreated natural wood panels or factory pre-painted Troldtekt panels.

Even more important is your choice of paint type and colour.

For factory pre-painted Troldtekt panels, use a water-soluble silicate paint.

The composition of the new paint must be compatible with the existing paint; in other words, it must be of the same quality and type in relation to specification and suitability.

Only use paint types which have been tested for hazardous substances.

Troldtekt has the following recommendations regarding the different panel types:

1. White paint on factory pre-painted Troldtekt panels
Recommended paint type:
Water-based styrene acrylic paint

Coverage:
Approx. 350 g/m² in a single coat

2. Other colours on Troldtekt factory pre-painted panels
Recommended paint type:
Water-based styrene acrylic paint

Coverage:
Approx. 350 g/m² in a single coat

If the new paint is being used to cover a contrast colour, it may be necessary to apply more paint.

3. White paint on untreated Troldtekt natural wood panels
Recommended paint type:
Water-based styrene acrylic paint

Coverage:
Approx. 525 g/m² in two coats

4. Other colours on untreated Troldtekt natural wood panels
Recommended paint type:
Water-based styrene acrylic paint

Coverage:
Approx. 525 g/m² min. two coats

GENERAL GUIDELINES AND EQUIPMENT FOR APPLYING THE PAINT

Apply the paint with an airless paint spray-gun. To ensure adequate paint coverage, apply each coat from different directions/angles. Apply the paint with gentle movements while making sure not to close the fibre structure completely with excessive paint.

When applying two coats of paint, ensure the first coat is completely dry before applying the second.

When painting Troldtekt panels already installed, continually check the painting process to ensure you are achieving a uniform result. Carefully follow the manufacturer's instructions for equipment use.

For smaller surfaces or when freshening up paint of the same colour, it is easiest to apply the paint with a paint roller.

Always make sure that the panel holes do not become completely blocked with paint. Paint the edges in the same colour as the panel surface.

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PROTECTING ADJACENT SURFACES, FLOOR ETC.

Adjacent surfaces, windows and floors must be properly covered. Use water to remove any spilled paint, while it is still wet. Dried paint can only be removed with paint remover, which may damage the surface.

SAFETY INFORMATION

Always carefully read information regarding protective measures described in the paint manufacturer's product safety data sheets so you know when to protect your head, eyes, respiratory organs and skin by wearing a mask, safety glasses, gloves and appropriate workwear.

TOUCH-UP PAINT

To touch up any handling or installation marks etc., we recommend that you use Troldtekt touch-up paint, which is available in spray cans (400 ml) in the standard colour white 101. The following standard colours are also available in plastic bottles (250 ml): white 101, grey 202, grey 208 and black 207.

Moreover, special colours are available in plastic bottles (250 ml) in connection with ordering Troldtekt panels painted in the same special colour. If you have cut Troldtekt panels to size or cut a bevel edge, you may need to order slightly more touch-up paint. Touch-up paint in 2.5-litre pots is available in the standard colours white 101, grey 202, grey 208 and black 207. When ordering Troldtekt panels in special colours, it is possible to order 2.5-litre pots of touch-up paint in the same colour.

This information sheet is produced on the basis of the latest knowledge within the area and is only intended as a guide.

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