

SCANROC FACADE INSTALLATION INSPECTION AND TEST PLAN

The manufacturer, SCANROC, SE, recommends installing SCANROC systems according to the Installation Instructions which can be found at www.scanroc.com.

Building identification:

SCANROC facade system identification:

ETA No: 16/0589

Actual composition of the facade system:

Material used according to the system	Used: YES-NO Where appropriate, indicate the material used.	Authorised signature
Thermo STOP T-1 x		
Bracket K1-1, K1-2, K1-3 K1-4 x		
Frame fixing X Subject to structural calculation; enter the fixing name according to the supplier		
Horizontal profile R-1, R-2, and R-3 x		
Vertical profile C-1 x		
Tex screw 6.3x19 mm X For horizontal profiles		
Tex screw 4.8x13 mm X For vertical profile		
Thermal insulation Vapour-permeable film, if applicable (falls under the installation procedures specified by the insulation manufacturer)		
Dowel for thermal insulation		
SCANROC facade X cladding stone		

Material marked with x cannot be replaced

Base preparation and inspection for the SCANROC facade system

Property	Evaluation method	Sign of NOK	Signature/date
Base coherence	Plaster click test and pull-off test	Dropping old plaster	
Local flatness of the base	check with 2m straight lath	Attention to values over 10mm	
Overall flatness of the base	Cord and plumb line check	Values above 30mm to level the base	
Biotic attack of the base	Visually, smears, analysis	Stains, coating, demonstrable fungi	

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Installation of a supporting structure for the SCANROC facade system

Property	Evaluation method	Sign of NOK	Signature/date
Flatness of the cladded wall	Using a water level, a plumb line or a laser. The bracket must always fit closely with its entire back surface perpendicular to the wall.	If the difference is greater than 10mm	
Length of anchor brackets K1-1, K1-2, K1-3 and K1-4	Flatness of cladded wall and insulation thickness (air gap between insulation and facade cladding - 30mm)	In case of detected differences larger or smaller than 30mm we will ensure the necessary lengths and numbers of anchor brackets to ensure correct delimitation	

<p>Horizontal profiles R-1, R-2, and R-3</p>	<p>The horizontal spacing of anchor brackets is a maximum of 598 mm. Vertical spacing is given by structural calculation – a maximum of 900 mm. Horizontal profiles are mounted to the bracket with a 6.3x19mm Tex screw; the horizontal profile must not have a smaller contact surface with the bracket less than 40mm. Horizontal profiles are joined with an overlap of at least 100 mm and the connections are fastened with two 6.3x19 Tex screws.</p>	<p>The distance between the brackets is more than 598 mm. The Installation Instructions show correct and incorrect installation. Incorrect Tex screw. The contact surface of the joint with the bracket is less than 40mm. The connection of horizontal profiles is less than 100 mm. The specified number or type of Tex screws is not used.</p>	
<p>Vertical profile C1</p>	<p>Perpendicularity with water level; it's necessary to pay attention to the spacing between profiles. The spacing between vertical profiles is essentially not more than 600 mm and depends on the dimensions of the facade covering used and the type of laying (e.g., brick bond) - (see details - Installation Instructions) Anchor the C-1 vertical profile with a 4.8 x 13mm Tex screw. Joining C-1 profiles is done with an overlap of at least 100 mm with two 4.8x13 Tex screws into the pre-punched holes in the C1 profiles.</p>	<ol style="list-style-type: none"> 1) The distance between profiles is greater than 300mm measured on the C-1 profile axes. Applies to cladding with the dimensions of 600x100x30 mm. 2) The distance between profiles is greater than 150mm measured on the C-1 profile axes. Applies to cladding with the dimensions of 300x100x30 mm. 3) The specified number or type of Tex screws is not used. Overlapping doesn't correspond to the required 100 mm length. 	

Property	Evaluation method	Sign of NOK	Signature/date
Insertion of thermal insulation	Thermal insulation designed for ventilated facade systems is placed between the horizontal profiles and anchored according to the thermal insulation manufacturer's instructions.	<p>The thermal insulation has been mounted damp or wet, the insulation has been exposed during the installation and it has rained into the insulation, it is crimped, does not hold and sags.</p> <p>The fastening procedures recommended by the thermal insulation manufacturer are not followed.</p>	
Installation of the cladding element	<p>Individual cladding stones are hung on the C-1 vertical profile and secured with a securing element on the C1profile - see Installation Instructions. Check the cladding surface with a water level at least 2m long. If slight unevenness is found, it is levelled by adjusting the cladding stone with a rubber mallet. Each fifth row is secured with the appropriate securing element on C-1 profile. The position and size of the cladding joint with respect to the vertical profile is: joint maximum up to 2 mm, deviation of the rectangularity of the cladding is 1mm, the joint is placed in the space of C-1 vertical profile - see Installation Instructions, illustration of facade cladding installation. The facade system's appearance is assessed from 15 metres.</p> <p>It's necessary to use cladding simultaneously from at least three pallets.</p>	<p>Unsecured cladding stones. Uneven and unlevelled cladding in the area.</p> <p>Unchecked rectangularity within the stated tolerance; the joint is larger than 2mm; the joint is not aligned with the vertical profile.</p> <p>No mixing of multi-pallet cladding and apparent colour variation at the non-mixing transition point.</p>	

Installation of accessories	Connection to the existing facade system or plaster, window sills, window jambs, installation of anchors for gutter systems, lights, etc. is explained and illustrated in the Installation Instructions or at www.scanroc.cz .	Failure to follow the Installation Instructions. The Installation Instructions show correct and incorrect installation.	
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SCANROC facade treatment and maintenance - customer information

Property	Evaluation method	Sign of NOK	Signature/date
Treatment and maintenance	<p>1) The SCANROC facade system must never be painted, it's already coloured.</p> <p>2) The contaminated surface can be washed with water manually or with mild pressure water. Always use a diffused water jet. NEVER USE THE ROTARY NOZZLE.</p> <p>3) If efflorescence occurs, always use BETONCLEANER (by Stachema) to remove it, according to the manufacturer's instructions, or ask the facade system manufacturer for advice. Efflorescence on products is not considered a defect and is not a reason for complaint, as the Product is made of natural materials cemented with white cement. Efflorescence is only loose cement lime, which will be spontaneously washed off by rain.</p> <p>4) To change one brick (cladding), always find the</p>		

	<p>fourth row closest to the replacement point above it and then unlock all bricks towards the replacement point. Closing is in reverse order.</p> <p>5) Regular visual inspection is always suitable before winter at least once a year. If you find obvious changes in the facade attachment, please don't hesitate to contact your supplier or the manufacturer directly on +420 296 566 248.</p>		
Efflorescence	<p>6) Assess the facade surface from a distance of at least 15 metres.</p>		

The manufacturer, SCANROC, SE, is obliged to provide statutory guarantees under these fulfilled conditions.

If the customer purchases the SCANROC system as a whole and carries out professional installation according to the Installation Instructions, SCANROC, SE will provide a 50-year guarantee for SCANROC cladding.

The work was carried out by a company that is demonstrably trained by SCANROC, SE.

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The system composition complies with the relevant ETA requirements. Upon completing installation, the work will be demonstrably handed over to the user with instructions for use as well as facade maintenance.