ANCHOR SGR-PA (POLYAMIDE HAMMERING NAIL)

INDEX

1. CODE REGISTRY

Code	Description	Dimensions (mm)	color	Pkg.	Pallet	Weight
TER11-3110AUT	Anchors SGR - hole ø 8	110 x ø 60	Blue	100 pcs	9.000 pcs	13 gr./pc.
TER11-3130AUT	Anchors SGR - hole ø 8	130 x ø 60	Blue	100 pcs	9.000 pcs	14 gr./pc.
TER11-3150AUT	Anchors SGR - hole ø 8	150 x ø 60	Blue	100 pcs	9.000 pcs	15 gr./pc.
TER11-3170AUT	Anchors SGR - hole ø 8	170 x ø 60	Blue	100 pcs	7.200 pcs	16 gr./pc.
TER11-3190AUT	Anchors SGR - hole ø 8	190 x ø 60	Blue	100 pcs	7.200 pcs	18 gr./pc.
TER11-3210AUT	Anchors SGR - hole ø 8	210 x ø 60	Blue	100 pcs	5.400 pcs	19 gr./pc.
TER11-3230AUT	Anchors SGR - hole ø 8	230 x ø 60	Blue	100 pcs	5.400 pcs	20 gr./pc.
TER11-3250AUT	Anchors SGR - hole ø 8	250 x ø 60	Blue	100 pcs	5.400 pcs	21 gr/.pc.

MATERIAL   Made of PP (polypropylene plug), nail made of polyamide.
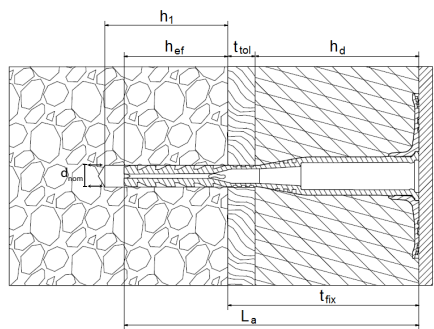
Legend:

h_1=   Hole Depth = 45 mm

h_{ef}=   Anchoring Depth = 35 mm

d_{nom} =   Anchor diameter = 8 mm

t_{fix}=   Fixable thickness ($h_d + t_{tol}$)

h_d=   Insulating panel thickness

t_{tol}=   Adhesive thickness or old plaster thickness

L_a=   Anchor Lenght

Anchor Lenght $L_a = t_{fix} + h_{ef} = h_d + t_{tol} + h_{ef}$

The anchor lenght (L_a) must be deep enough to ensure the minimum depth of anchorage to the wall (h_{ef}) and must necessarily consider the presence of pre-existing layers of plaster and adhesive (t_{tol}).

Maximum thickness of the insulating panel $h_{dmax} = L_a - t_{tol} - h_{ef}$

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2. CERTIFICATIONS

Certified by EPD ISO 14025
Certified according to EAD 330196-01-0604
ETA16-0375

The base materials that have been certified are:
cat. A (concrete)
cat. B (solid masonry)
cat. C (hollow or perforated masonry)
cat. D (lightweight aggregare concrete)
cat. E (autoclaved aerated concrete)

DECLARED PERFORMANCES		
N_{RK} Base material	KN	Technical specification
Cat. A Concrete - C 12/15 (EN 206-1) - C 16/20-C50/60 (EN 206-1)	0,4 0,5	EAD 330196-01-0604
Cat. B Solid masonry (EN 771-1)	0,5	EAD 330196-01-0604
Cat. C Hollow or perforated masonry (öNORM B 6124)	0,4	EAD 330196-01-0604
Cat. D LAC Lightweight aggregate concrete (EN 1520)	0,5	EAD 330196-01-0604
Cat. E Autoclaved aerated concrete (EN 771-4)	0,3	EAD 330196-01-0604

N_{RK} = Load tension resistance

RECOMMENDED DRILLING METHOD					
Type of base material	Plain concrete	Solid brick	Perforated brick	Lightweight concrete	Cellular concrete
Category of use	A	B	C	D	E
Drilling method	Percussion and rotation	Percussion and rotation	Only rotation	Only rotation	Only rotation

3. DESCRIPTION

Percussion 8 mm hole plug, with nail premounted in the plug shaft. 60 mm head with improved adhesion and expansion nail. Complies with EAD 330196-01-0604..

The main new features of this new Line are:

·   Pre-assembled dowel, with significant reduction in installation time.

·   Variable section shaft (fixing diameter 8 mm).

·   Asymmetric expansion shaft.

·   "Accordion" anchor calibration system.

·   Customizable ferrule.

·   Packaged in boxes of 100 pcs.

WHY EPD?

The Environmental Product Declaration EPD, a term derived from the English Environmental Product Declaration, is a document that describes the environmental impacts associated with the production of a product (e.g., energy and raw material consumption, waste generation, air emissions and discharges to water bodies).

EPD Certification

Dakota has chosen to EPD certify its range of ETICS SGR plugs not only to guarantee its customers a product that is fully compliant with the interventions according to the specifications dictated by the new 110% superbonus, but also to continue its virtuous "road to green" path in an increasingly careful manner.

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4. USE

Used for mechanical anchorage of insulation and mineral wool panels and for the main types of masonry, supporting their load and tensile stress "tearing." The preassembled nail greatly facilitates and speeds up the installation of anchors with obvious savings in installation time.

5. INSTALLATION TIPS

The anchors must be placed where the adhesive has been applyed. This solution will increase the adhesive cohesion strenght generated by the anchor. The positioning of anchors can be done according to the following tessellation schemes.

TESSELATION SCHEME "T" SHAPE
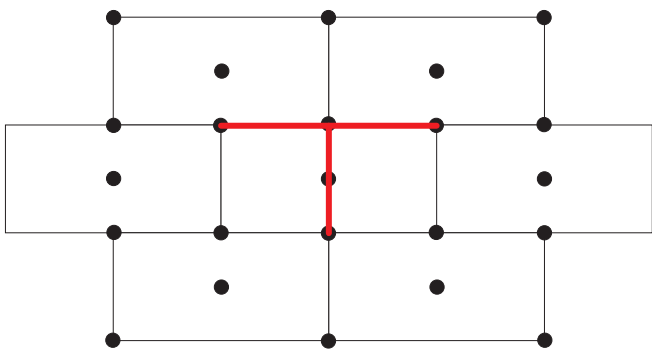
Polystyrene panels (EPS) with 6 anchors/sqm.
In the tesselation scheme "T" there will be an anchor positioned on every panel intersection, plus one more anchor positioned on the center of each panel

TESSELATION SCHEME "W" SHAPE
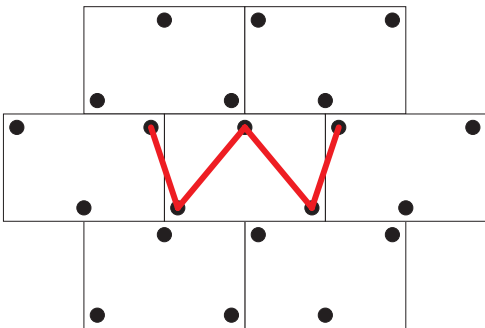
Mineral wool panels (MW) with 6 anchors/sqm.
In the tesselation scheme "W" each insulating panel is fixed with 3 anchors.

6. TECHNICAL SPECIFICATION

Specification	Description	Unity	Price
Dak.B.TER11.31xxAUT	Supply and installation of 8 mm hole percussion mechanical fixing, with 60 mm head, improved grip and polyamide nail. Certified according to EAD 330196-01-0604 ETA-16/0375 The base materials that have been certified are: cat. A (concrete) cat. B (solid masonry) cat. C (hollow or perforated masonry) cat. D (lightweight aggregare concrete) cat. E (autoclaved aerated concrete) Made of PP (polypropylene plug), nail made of polyamide. Anchors positioning and number per sqm will be defined by the architect or by construction supervisor. Used for the mechanical anchoring of the insulating panels for almost all types of masonry, supporting the load and any "tear-off" stress.		
Dak.B.TER11.3110AUT	Lenght 110 mm - Head 60 mm - ø 8..	pc.	-
Dak.B.TER11.3130AUT	Lenght 130 mm - Head 60 mm - ø 8..	pc.	-
Dak.B.TER11.3150AUT	Lenght 150 mm - Head 60 mm - ø 8..	pc.	-
Dak.B.TER11.3170AUT	Lenght 170 mm - Head 60 mm - ø 8..	pc.	-
Dak.B.TER11.3190AUT	Lenght 190 mm - Head 60 mm - ø 8..	pc.	-
Dak.B.TER11.3210AUT	Lenght 210 mm - Head 60 mm - ø 8..	pc.	-
Dak.B.TER11.3230AUT	Lenght 230 mm - Head 60 mm - ø 8..	pc.	-
Dak.B.TER11.3250AUT	Lenght 250 mm - Head 60 mm - ø 8..	pc.	-