

Účinnost injektovaných kotvicích systémů Spiral Anksys v rámci izolačních desek TPD-PUR

Termín testů:
/place and date/

Rožnov pod Radhoštěm, 8.1. - 10.1. 2020

Typ testování:
/object of testing/

Protažení izolantem bez účinnosti S_{bz}
/Pull out test of anchors in insulating material/

Testované izolanty:
/type of insulating materials/

TPD PUR dle ČSN EN 13 165
/TPD PUR according to EN 13 165/

Typ kotvy:
/type of anchor/

Spiral Anksys SA

Typ expanzní hmoty:
/type of adhesive material/

Spiral Anksys Foam SAF1
Spiral Anksys Foam SAF3

Vypracovali:
/prepared by/

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Jakub Grenčner, technický poradce

10.1.2020



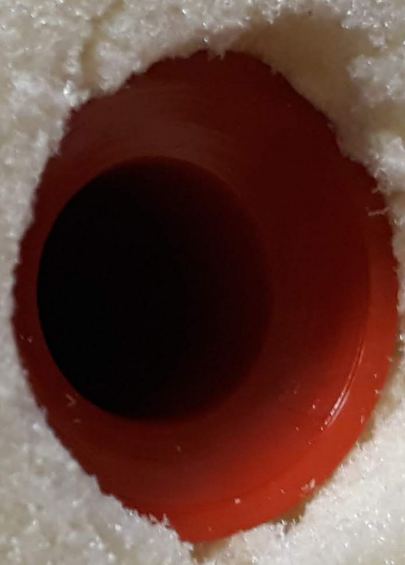
Protokol o zkoušce 100120-JM

Test by pulling the anchor Spiral Anksys® through the insulation block TPD-PUR

Type of insulating material:	TPD-PUR
Specific bulk weight:	individual
Thickness of insulating material:	80 mm
Control batch of Spiral Anksys® :	-
Control batch of SAF:	-
Date of foam expiration:	-

Air humidity:	25 %
Time of filling with foam:	8.1. 2020 - 14.00
Time of tearing test:	9.1. 2020 - 16.00
Measuring equipment:	LUTRON
Air temperature (when filling with foam):	20°C
Sinking of anchor under the level of insulating material:	5 mm

Sample number	type of testing insulating materials - Strength (N)			
	EPS 70F	EPS 70F	TPD-PUR	TPD-PUR
	SA + SAF1	SA + SAF3	SA + SAF1	SA + SAF3
	E, EN13 501-A1	E, EN13 501-A1	E, EN13 501-A1	E, EN13 501-A1
	13,8 kg/m ³	13,8 kg/m ³	31,5 kg/m ³	31,5 kg/m ³
	displacement up to 3 mm (posun při maximálním zatížení do 3 mm)			
01	299,00	327,00	598,10	612,60
02	309,00	377,00	613,60	702,00
03	285,00	351,50	621,40	668,20
04	338,00	345,00	621,00	647,00
05	321,00	371,00	608,00	650,30
06	286,00	329,00	581,00	612,60
07	326,00	366,50	556,80	730,00
08	276,00	352,00	571,60	714,00
09	309,00	354,50	519,60	694,50
10	275,00	324,50	531,80	636,00
maximum	338,00	377,00	621,40	730,00
minimum	275,00	324,50	519,60	612,60
average (N)	302,40	349,80	582,29	666,72
variation (%)	7,21	5,31	6,31	6,26
F _{5%} Characteristic	246,30	302,00	487,80	559,31



1/1
2000
/ 2000

2/1
2000
/ 2000





FORCE GAUGE

613.6

FAST/SLOW

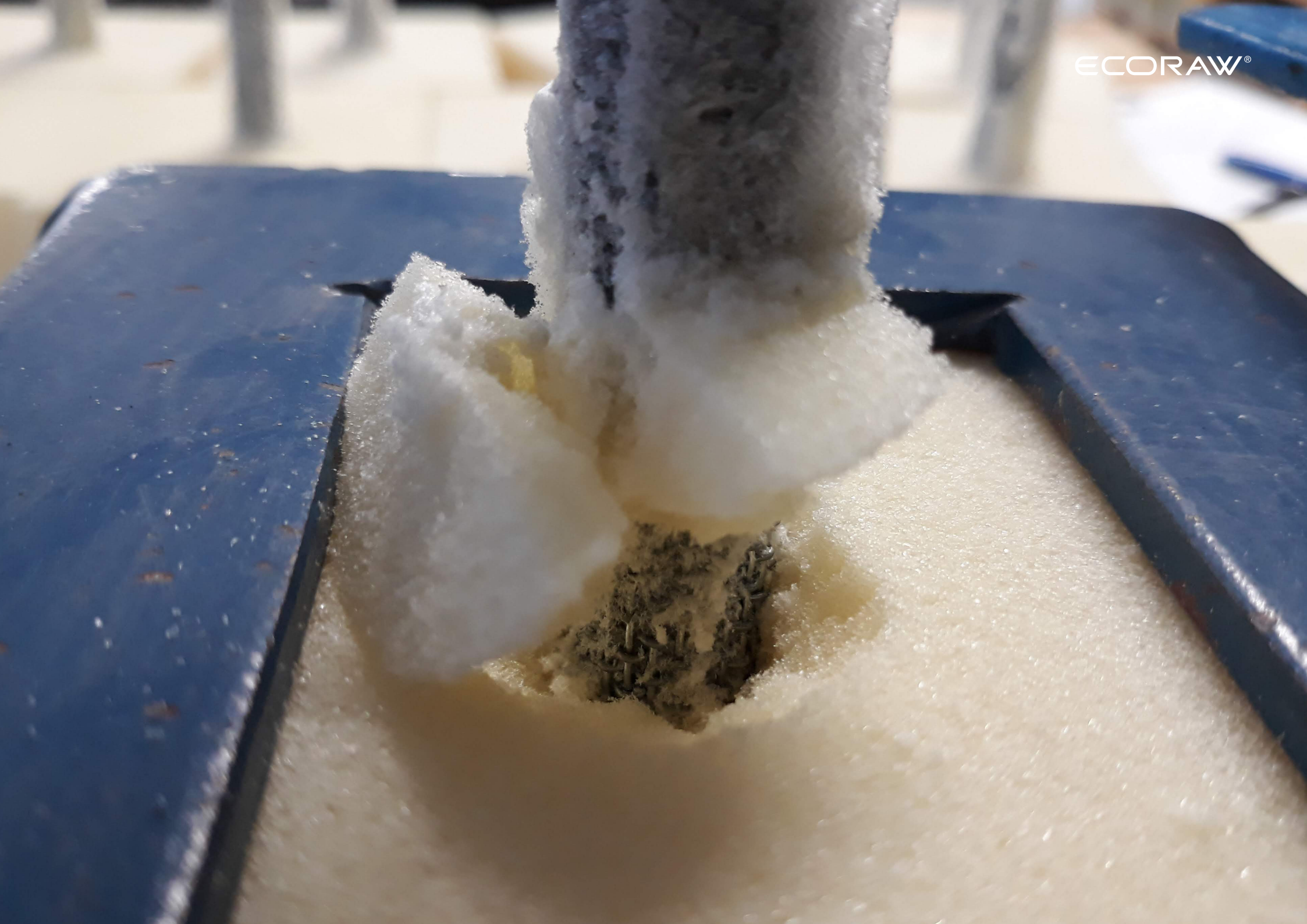
ZERO



DISPLAY REVERSE



59.7



FORCE GAUGE

636.2

FAST/SLOW

ZERO



DISPLAY REVERSE

