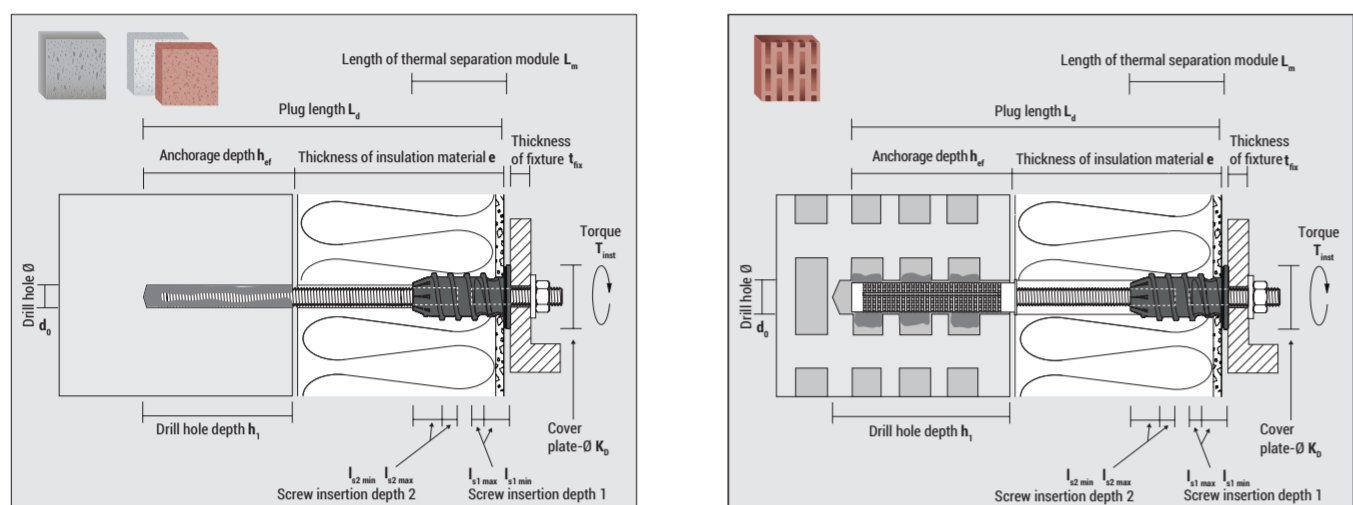


Content Set:

- 2x Threaded rod M12x350 galvanised or stainless steel A4
- 2x Thermal separation module 60 mm with EPDM sealing ring
- 2x Threaded stud M12x70 mm, DIN 913, stainless steel A4
- 2x Washer M12 DIN 125, stainless steel A4
- 2x Hexagon nut M12 DIN 934, stainless steel A4
- 2x Plastic sleeve SH 20x130 (only needed for perforated brick)
- 1x Mixing nozzle extension MDV, 200 mm (9MDV)
- 1x Bit hexagon socket, size 6
- 1x Injection mortar ResiFIX is needed for installation (see page 2)

Installation parameters:



	Installation in concrete	Installation in aerated concrete/solid brick	Installation in perforated brick
Anchor length	295 ¹⁾	295 ¹⁾	295 ¹⁾
Thickness of insulation material (incl. plaster)	60 - max. 220	60 - max. 190	60 - max. 160
Length of thermal separation module (to lower edge of cover plate)	60	60	60
Diameter cover plate	42	42	42
Threaded rod	M12x260 ¹⁾	M12x260 ¹⁾	M12x260 ¹⁾
Insertion depth of M12 threaded stud	24-27	24-27	24-27
Drill hole diameter	14	14	20
Drill hole depth	80 + e	110 + e	140 + e
Anchorage depth	70	100	130
Plastic sleeve SH	-	-	20-130
Connecting thread	M12 ²⁾	M12 ²⁾	M12 ²⁾
Insertion depth of M12 threaded stud	30-34	30-34	30-34
Thickness of fixture	24 ³⁾	24 ³⁾	24 ³⁾
Ø of clearance hole in fixture	14	14	14
Torque	19 ⁴⁾	19 ⁴⁾	19 ⁴⁾

¹⁾ Threaded rod M12 has to be cut as needed.
 For further technical values, see ETA-assessment/ETA-approval of the ResiFIX injection system used.
²⁾ When using the threaded stud with length L=70 mm, completely screwed in. Otherwise, a longer threaded stud or a longer metric screw can be used.
³⁾ Alternative, if a M10 connecting thread is needed: Threaded stud adapter M12/M10, length 70 mm, stainless steel A4, Art-No X70M12M10ECT4.
⁴⁾ The torque applies to the thermal separation module. Note any different max. installation torque in the ETA approval of used injection system ResiFIX has to be observed.

Accessories:

Two-hole nut driver, DIN 3116C for adjusting ResiTHERM® 12

Type	Art-No	Length L [mm]	Width B [mm]	Sheet thickness t [mm]	Suitable for	[pc]	[pcs]
Two-hole nut driver	155253AMT	155	25	3	ResiTHERM® 16	1	15

Alternative, if a M10 connecting thread is needed

Type	Art-No	Length L [mm]	Suitable for	[pc]	[pcs]
Threaded stud adapter	X70M12M10ECT4	70	ResiTHERM® 12	4	60

Vinylester VVSF (styrene free)

Type	Art-No	Content [ml]	Mixing nozzles included [pcs]	Shelf life [Months]	[ETA]	[pcs]
VY 300 SF	300VSF	280	2	18	●	12
VY 345 SF	345VSF	345	2	18	●	12
VY 410 SF	410VSF	410	1	18	●	12

Vinylester VY ECO SF (styrene free)

Type	Art-No	Content [ml]	Mixing nozzles included [pcs]	Shelf life [Months]	[ETA]	[pcs]
VY ECO 300 SF	300VECOSF	300	2	18	●	12

Polyester PYSF (styrene free)

Type	Art-No	Content [ml]	Mixing nozzles included [pcs]	Shelf life [Months]	[ETA]	[pcs]
PY 165 SF	165PSF	165	2	18	●	1/12
PY 300 SF	300PSF	300	1	18	●	12
PY 345 SF	345PSF	345	1	18	●	12
PY 410 SF	410PYSF	410	1	18	●	12

Cleaning brush RBS, Extension, Handle, Cleaning brush RBK, Blow our pump AB

Type	Art-No	Length [mm]	Suitable for drill hole Ø [mm]	Suitable for anchor rod	Connecting thread	[pcs]
RBS Ø16 for concrete and masonry	9M16RBK	200	14	M12	M6	5
Extension for RBS Ø20	MRBKX	-	all	all	M6	5
Handle for RBS Ø20	MRBKV	140	all	all	M6	5
RBK Ø20 for masonry*	9PLRBK	300	up to 20	up to M16	-	5
Blow out pump AB	BOP	300	8	-	-	1

* not part of the ETA assessments / ETA approvals of the ResiFIX injection mortars

Mixing nozzle MD, Mixing nozzle extension MDV

Type	Art-No	Outer-Ø [mm]	Length [mm]	[pcs]
MD	9MRMEA	-	215	20
MDV 10	9MDV	10	200	10

Type	Art-No	suitable for ResiFIX Type	[pcs]
APP 300	300APP	300 / 165 / 280	1
APP 380	380APP	410	1
APVM	345APVM	345 / 300 / 280 / 165	1

Mounting in concrete/solid brick:

Mounting in masonry (perforated brick)