TROX Austria GmbH

Lichtblaustraße 15 1220 Vienna, Austria Phone +43 1 250 43 0 Fax +43 1 250 43 34 E-Mail trox@trox.at

www.trox.at

Application





Series







Performance class min. El 90 (ve, ho, i↔o) S						C €			∵		(E									
							ŀ	FKRS-EU		FKI		FKS-EU			FV-EU			KA-EU		
Dimensions Production of Postsymposium and Post							0 Ø: 100 – 315			Ø: 31	B: 200 – 800 H: 100 - 200 DoP/FKS-EU/DE/003			Ø: 100 – 200 DoP/FV-EU/DE/002				1200 H: 225		
Declaration of Performance no. Constancy of Performance						/003	DoP/FKRS-EU/DE/003			DoP/FKR							DoP/KA-EU/DE/002			
Constancy of Po	Performance					1332-CPR-74135/01 1332-CPR-61977/01		1332-CPR-74135/02 1332-CPR-61977/02		1332-CPR-74135/05 1332-CPR-61977/03		1332-CPR-74135/04 1332-CPR-61977/04		1332-CPR-74135/08		5/08	0749-CPR-BC1-606- 4645 -15650.12-13261			
			Type of construction	Sealing				Sealing		Sealing		Sealing		Sealing		Sealing				
Ceiling	Installation location	Installation location Minimum thickness	For application details refer to the respective mounting instructions	Wet installation	Fire batt	Dry installation	Wet installation	Fire batt	Dry installation	Wetinstallation	Fire batt Dry installation	Wet installation	Fire batt	Dry installation	Wet installation	Fire batt	Dry installation	Wet installation	Fire batt	Dry installation
Solid wall			• wet installation • fire batt • dry installation with installation kit E1/E2 (FK-EU), ER(FKRS-EU), E (FKS-EU)	N >40mm	W	Т	N >40mm	W	Т			N >40mm	-	T > 10mm	N	-	-	N	-	-
	in the wall	• d ≥ 100 mm	tested reduced distance to load-bearing structural elements tested reduced distance between casings (horizontal)	≥40mm ≥70mm	≥40mm ≥70mm	-	≥40mm ≥40mm	≥40mm ≥40mm	_	≥40mm ≥40mm	 	≥40mm ≥80mm		≥40mm ≥150mm	-	-	-	-	-	_
			tested reduced distance between casings (vertical)	≥70mm	≥70mm	-	≥40mm	≥40mm	-			≥80mm	ı –	≥100mm	-	-	-	-	-	-
	in the wall	• d ≥ 100 mm	• wet installation with partial mineral wool • tested reduced distance to load-bearing structural elements	35-40mm		-		-		-	<u> </u>				<u> </u>	_	-	-	-	
			• tested reduced distance between casings	≥70mm	-	-	_	-	-	-		_	_	-	-		-		-	_
	in the wall	• d ≥ 100 mm	"flexible ceiling joint" • installation kit GM tested reduced distance to load-bearing structural elements	N ≥40mm	-	-	_	-	-	-	 	-		-		-	-	-	-	
			• tested reduced distance between casings	≥100mm	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
	on the face of the wall adjacent to the wall	• d ≥ 100 mm • d ≥ 100 mm	installation kit WA installation kit WV	-	-	T	_	_	T -	-	 						-	-	-	_
	remote from the wall	• d ≥ 100 mm	• installation kit WE	-	-	T	-	-	-	-		_	_	-		-	-	_	-	
Lightweight	remote from the wall	• d ≥ 100 mm	• installation kit WE • 2-, 3- und 4-sided cladding • metal stud wall • with or without mineral wool • wet installation • fire batt • dry installation with installation kit ES (FK-EU), TQ (FKR-EU), E (FKS-EU)	_ N		_ 	- N	- W	T		 - T	N		- т	- N		-	N	-	<u>-</u>
partition wall	in the wall	• d ≥ 100 mm	• tested reduced distance to load-bearing structural elements	≥40mm	≥40mm	≥40mm	≥40mm	≥40mm	_				_	-	-	_	_	-	-	_
			• tested reduced distance between casings	≥70mm	≥70mm	_ _	≥40mm	≥40mm	- T	≥40mm	 -		_	_ 	_	_	-		-	_
	in the wall	• d ≥ 100 mm	• metal stud wall • with mineral wool • wet installation • fire batt • dry installation with installation kit ES (FK-EU), TQ (FKRS-EU+FKR-EU), E (FKS-EU) • tested reduced distance to load-bearing structural elements	N ≥40mm	vv ≥40mm		N ≥40mm	VV ≥40mm	ı ≥40mm	N ≥40mm	- I	N –			-	_	-	N _	-	
			• tested reduced distance between casings	≥70mm	≥70mm	-	≥40mm	≥40mm	-	≥40mm		-	-	-	-	-	-	-	-	-
			with metal support structure • with or without mineral wool • wet installation • dry installation with installation kit ES (FK-EU), TQ (FKRS-EU) • tested reduced distance to load-bearing structural elements	N ≥40mm	-	T ≥40mm	N >40mm	-	T ≥40mm	-	<u> </u>			-		_	-	-	-	_
	III tile wall	• u ≥ 100 mm	tested reduced distance between casings tested reduced distance between casings	≥40mm		-	≥40mm	_	-	_		-			-		_	_		
	in the wall	• d ≥ 100 mm	• "flexible ceiling joint" • Metal stud partition • with or without mineral wool • dry installation with installation kit GL	-	-	T	-	-	T	-		-	-	-	-	-	-	-	-	-
	remote from the wall	• d ≥ 100 mm	• tested reduced distance to load-bearing structural elements • metal stud wall • with or without mineral wool • 2-, 3- und 4-sided cladding • dry installation with installation kit WE (FKRS-EU)	-	-	≥40mm -	- -	-	≥50mm T	-		-		-	-	_	-	-	-	
Lightweight construc-	in the wall	• d ≥ 100 mm	• metal stud wall with sheet steel insert • with or without mineral wool • wet installation • dry installation with installation kit ES (FK-EU)	N	-	Т	N	-	-	-		-	-	-	-	-	-	-	-	-
tion as fire wall, safety partition or radiation			• tested reduced distance to load-bearing structural elements • metal stud wall with sheet steel insert • with mineral wool • wet installation • dry installation with installation kit ES (FK-EU), TQ (FKRS-EU)	≥40mm N	-	≥40mm T	≥40mm N	-	 T	-	- -					_	-	-	-	_
protection wall	in the wall	• d ≥ 100 mm	tested reduced distance to load-bearing structural elements	≥40mm	-	≥40mm	≥40mm	-	≥40mm	-		_	_		_	-	-	-	-	-
	in the wall	• d ≥ 115 mm	• metal stud wall with sheet steel insert • with or without mineral wool • wet installation • dry installation with installation kit ES (FK-EU), TQ (FKRS-EU + FKR-EU), E (FKS-EU) • tested reduced distance to load-bearing structural elements • tested reduced distance between casings	N ≥40mm	- -	≥40mm	N ≥40mm	-	- -	N ≥40mm ≥40mm	- I 	N –	- -	- -	- -	-	-	N –	-	
Timber stud wall	in the wall	• d ≥ 130 mm	• wet installation • fire batt • dry installation with installation kit ES (FK-EU), TQ (FKRS-EU)	N	W	T	N	W	T			_	_	_	_	_	-	-	-	
			tested reduced distance to load-bearing structural elements	≥40mm	≥40mm	≥40mm	≥40mm	≥40mm	≥40mm				-	_	_	_	-	-	-	_
Half-timbered wall	in the wall	• d ≥ 140 mm	tested reduced distance between casings wet installation • fire batt • dry installation with installation kit ES, TQ (FKRS-EU)	≥70mm N	≥70mm W	 	≥40mm N	≥40mm W	_ T	-	 				-	-	-	_	-	_
			• tested reduced distance to load-bearing structural elements	≥40mm	≥40mm	≥40mm	≥40mm	≥40mm	≥40mm	-		-	-	-	-	-	-	-	-	-
Shaft wall			• tested reduced distance between casings • metal stud wall • wet installation • dry installation with installation kit ES (FK-EU), TQ (FKRS-EU), E (FKS-EU)	≥70mm _	≥70mm _	_ 	≥40mm N	≥40mm _	- т			- N		 		_	-	-	-	_
cladding on one side	in the wall	• d ≥ 90 mm	• tested reduced distance to load-bearing structural elements	-	_	≥40mm	≥40mm	-	_			-	_		-	_	-	-	-	_
	in the wall	• d ≥ 90 mm	• with metal support structure • wet installation • dry installation with installation kit ES (FK-EU), TQ (FKRS-EU)	-	-	T	N	-	-	-		-	-	-	-	-	-	-	-	-
			tested reduced distance to load-bearing structural elements without metal stud wall • wet installation (FKR-EU) • dry installation with installation kit ES (FK-EU), TQ (FKRS-EU)	-	-	≥40mm T	≥40mm –	_	-	N	<u> </u>					_	-	-	-	-
	in the wall	• d ≥ 50 mm	tested reduced distance to load-bearing structural elements	-	-	≥40mm	_	-	-			_	_	_	_	_	-	-	-	_
	in the wall	• d ≥ 40 mm	without metal stud wall • dry installation with installation kit ES (FK-EU)	-	-	T	-	-	-			_	-	-	-	-	-		-	-
Solid ceiling slab	in the ceiling	• d ≥ 100 mm	tested reduced distance to load-bearing structural elements wet installation • fire batt • thickened locally • dry installation with installation kit ER(FKRS-EU)	_ N	 W	≥40mm –	N N	W	т		 			-		_	-	-	-	-
		3 = 100 111111	tested reduced distance to load-bearing structural elements	≥40mm	≥40mm	_	≥40mm	-	-			_	_	_	_	_	_	_	-	_
			tested reduced distance between casings	≥70mm	≥70mm	_	≥45mm	-		-		-	_	_	_	_	-		-	_
	in the ceiling	• d ≥ 125 mm	• wet installation • tested reduced distance to load-bearing structural elements	-	-	-	_	-	-	-		N -		-	-		-	-	-	-
	9		tested reduced distance between casings	-	-	-	-	-	-	-		≥80mm	n –	-	-	-	-	-	-	-
	in the ceiling	. 4 5 4 5 0	• wet installation • fire batt	N	W	_	N	W	_			N		-	N			N	-	-
		• d ≥ 150 mm	tested reduced distance to load-bearing structural elements tested reduced distance between casings	≥40mm ≥70mm	≥40mm ≥70mm	<u> </u>	≥40mm ≥45mm	_	_	- 10	- - -		 1 _			_	-	_	-	-
	remote from the ceiling	• d ≥ 125 mm	• below the ceiling with horizontal duct • with or without reinforcing section, perimeter gap filled • with mortar or mineral wool • installation kit WE	-	-	Т	-	-	-			-	-	-	-	-	-	-	-	-
Colid ociling atak	remote from the ceiling	• d ≥ 100 mm	• below the ceiling with horizontal duct • with mortar or mineral wool • 2-, 3- und 4-sided cladding • installation kit WE	_ N	-	_	-	-	Т			-	_	-			-		-	_
Solid ceiling slab combined with	in the ceiling	• d ≥ 100 mm	 combined with timber beam ceilings • combined with suspended ceiling systems (system Cadolto) • partial concrete ceiling d ≥ 125 mm tested reduced distance to load-bearing structural elements 	N ≥40mm	-	-	_	_	-	-	-					_	-	-	-	_
timber beam ceilings suspended ceiling systems		4 Z 100 IIIII	tested reduced distance housing to each other	≥70mm	-	-	_	-	-	-		_	-	-	_	_	-	-	-	-
	in the second	,	• combined with timber beam ceilings • combined with suspended ceiling systems (system Cadolto) • partial concrete ceiling d ≥ 150 mm	N	-	-	N	-	_			_	-	-	-	_	-	-	-	_
	in the ceiling	• d ≥ 100 mm	tested reduced distance to load-bearing structural elements tested reduced distance between casings	≥40mm ≥70mm		_	≥40mm >45mm	-	-	-	-	<u>-</u>				_	-	_		_
	1	<u> </u>	todica readoca distance permeen casings	≥/ UIIIII					_											