

Casco[®] Fire Foam

YTELSESERKLÆRING

Nr. 68213749

1	PRODUKTYPENS ENTYDIGE IDENTIFIKASJONSKODE:	68213749
2	TILSIKTET BRUKSOMRÅDE:	ETA 19/0796/ EAD 350141-00-1106:2017 Fire Stopping, Fire Sealing & Fire Protective Products. Fire Retardant Products
3	FABRIKANT:	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	OPPNEVNT REPRESENTANT:	
5	SYSTEM FOR VURDERING OG KONTROLL AV YTEEVNE:	System 1
6b	EUROPEISK BEDØMMELSES DOKUMENT:	EAD 350141-00-1106, Firestopping and Fire Sealing Products: Linear joint and gap seals, issued September 2017
	Europeisk Teknisk Bedømmelse:	ETA 19/0796 of 2019/12/18
	Teknisk bedømmelsesorgan:	Warrington Fire Testing and Certification Limited
	Teknisk kontrollorgan (hEN) / vurderingsorgan (ETA):	1021, 2812

7 DECLARED PERFORMANCE/S

3 Performance Of The Product And References To The Methods Used For Its Assessment

BWR	Characteristic	Assessment of characteristic
2	Safety in case of fire	
	Reaction to fire	See Clause 3.1.1
	Resistance to fire	See Clause 3.1.2
3	Hygiene, Health and the Environment	
	Dangerous substances	See Clause 3.2.1
4	Safety and Accessibility in use	
	Durability and serviceability	See Clause 3.3.1

3.1 Safety In Case Of Fire

3.1.1 Reaction To fire

System Casco Fire Foam is classified 'E' in accordance with EN 13501-1.

3.1.2 Resistance To fire

System Casco Fire Foam has been tested in accordance with EN 1366-4: 2006 + A1: 2010 based upon the test results and the field of direct application specified within EN 1366-4: 2006 + A1: 2010, the CASCO FIRE FOAM has been classified in accordance with EN 13501-2, as given in Annex C:

The Casco Fire Foam seals may only be used in the elements of construction described in Annex C and against the substrates described in Annex C.

Provisions shall be taken such that floor joint seals cannot be stepped on e.g. by covering with wire mesh or floor finishes.

3.2 Hygiene, Health And The Environment

3.2.1 Dangerous Substances

The applicant has presented a declaration that Casco Fire Foam does not contain any substance of high concern with regards to REACH Regulations (EC) No 1907/2006 and the CLP regulation (EC) No 1272/2008 (the European GHS regulation) and are compliant with the requirements reference to <http://ec.europa.eu/enterprise/construction/cpd-ds/index.cfm>

Confirmation has further been declared that:

- Casco Fire Foam does not contain 0.1% (w/w) or more of any substance listed in the most recent Candidate List of substances of very high concern for Authorisation, published by the European Chemicals Agency ECHA on the 15.01.2019. The duty is respected to follow the development of new entries of the list and to duly inform customers, should it occur for a substance contained within the product.
- It does not contain 0.1% (w/w) or more of any substance listed in the most recent version of the Authorisation List (annex XIV of the REACH regulation) published by the European Chemicals Agency ECHA on the 14.05.2019.

Ytelseserklæring

84262728
2019.12 , ver. 4

FOR NÆRMERE INFORMASJON:

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NO-2013 SKJETTEN, Norge

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- Its hazard classification is compliant with the requirements of the CLP regulation with all adaptations to the technical progress (ATP) up to the 13th ATP of 04.10.2018.
- For one of its components (Diisocyanate) a restriction (requiring safety measures) is part of the annex XVII of the REACH regulation. Its requirements are fully implemented.
- Its Safety Data Sheet is compliant with the requirements of the annex 2 of REACH regulation, updated by the regulation (EU) 2015/830 (of 28.05.2015). It is being applied correctly in order to fulfil the communication duties towards the customers.

All dangerous chemical substances are below the classification limits of 67/548/EEC.

In addition to the specific clauses relating to dangerous substances contained in this European Technical Assessment, there may be other requirements applicable to the products falling within its scope (e.g. transposed European legislation and national laws, regulations and administrative provisions). In order to meet the provisions of the Construction Products Regulation, these requirements need also to be complied with, when and where they apply.

3.3 Safety and Accessibility In Use

3.3.1 Durability And Serviceability

Casco Fire Foam has been tested in accordance with EOTA Technical Report - TR024 – Edition November 2006, for the type Y2 use category specified in EAD 350141-00-1106, and the results of the tests have demonstrated suitability for penetration seals intended for use at temperatures below 0°C, but with no exposure to rain or UV radiation.

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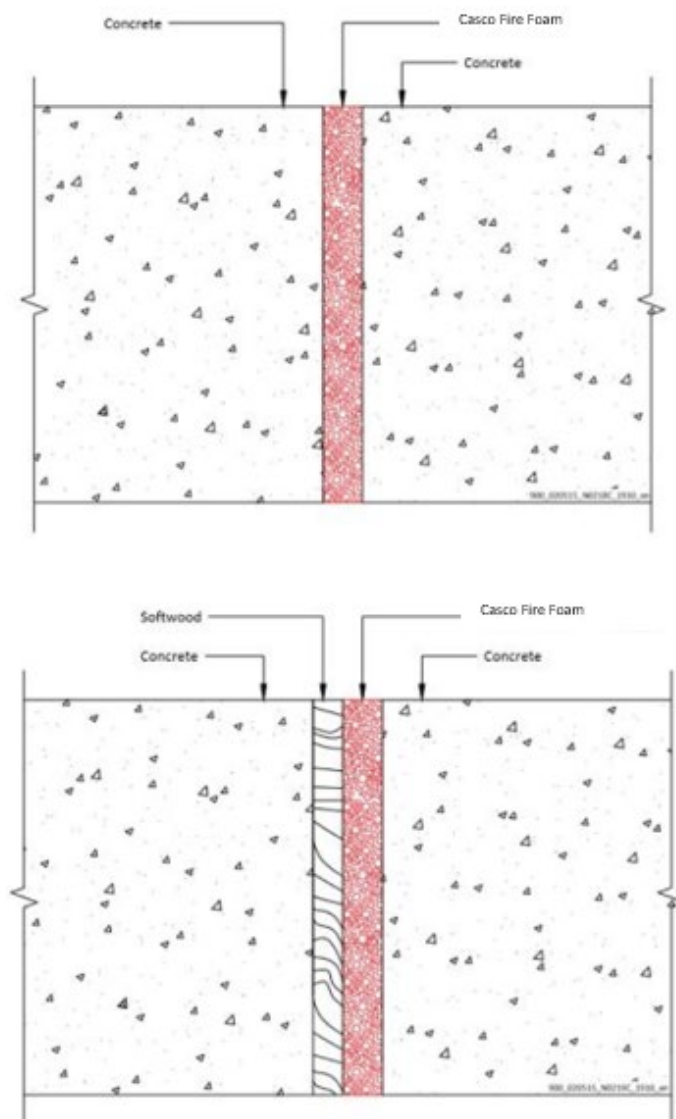


Annex C

Resistance to Fire Classification of CASCO FIRE FOAM

- C.1 Rigid floor constructions according to section 2 with floor thickness of minimum 200 mm
C.1.1 Linear joint or gap seal, horizontally orientated with foam seal to the full 200 mm depth.

Construction details:



Ytelseserklæring

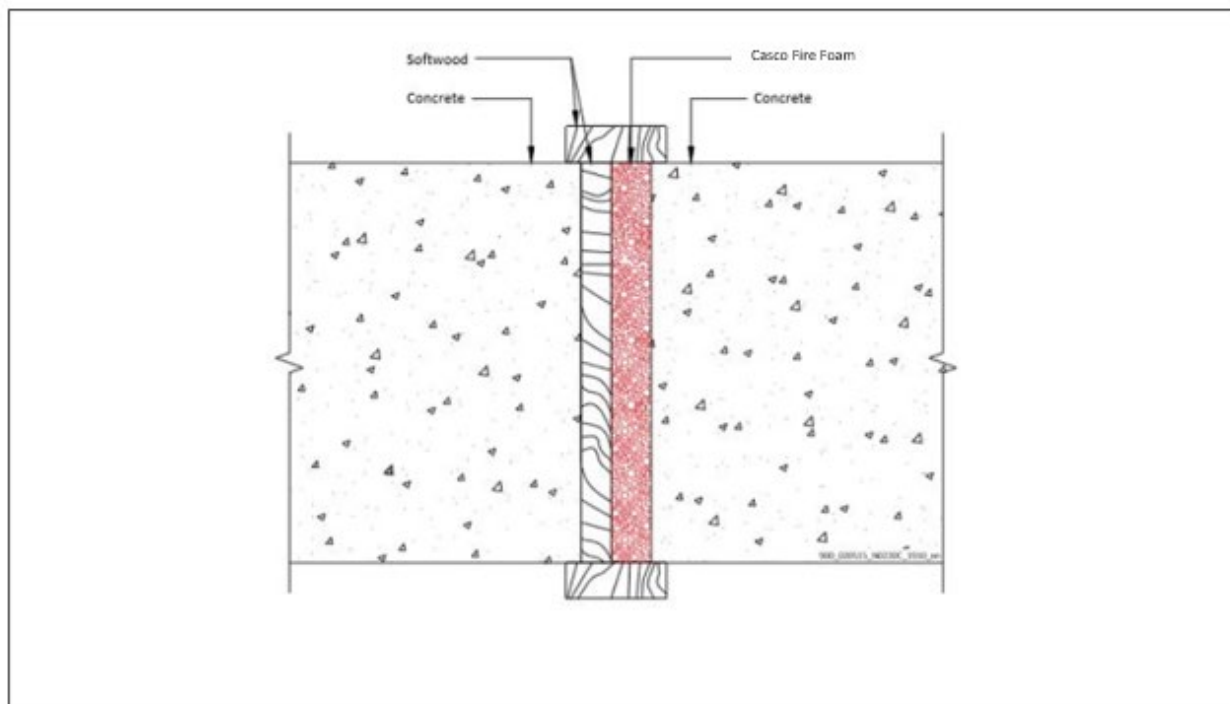
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C.1.1.1

CASCO FIRE FOAM Linear Joint Seals in 200 mm thick Rigid Floors.			
Substrates	Seal Depth	Applicator type	Classification
AAC/AAC	200 mm	Gun / Nozzle	EI 90 –H – X – F – W 0-20
		Gun / Nozzle	EI 120 –H – X – F – W 0-10
		Nozzle	EI 120 –H – X – F – W 0-20
AAC/Softwood Timber	200 mm	Gun / Nozzle	EI 120 – H – X – F – W 0-20
AAC/Softwood with 50 x 18 mm Softwood architrave on both sides	200 mm	Gun / Nozzle	EI 120 – H – X – F – W 0-20

*AAC- Aerated Concrete

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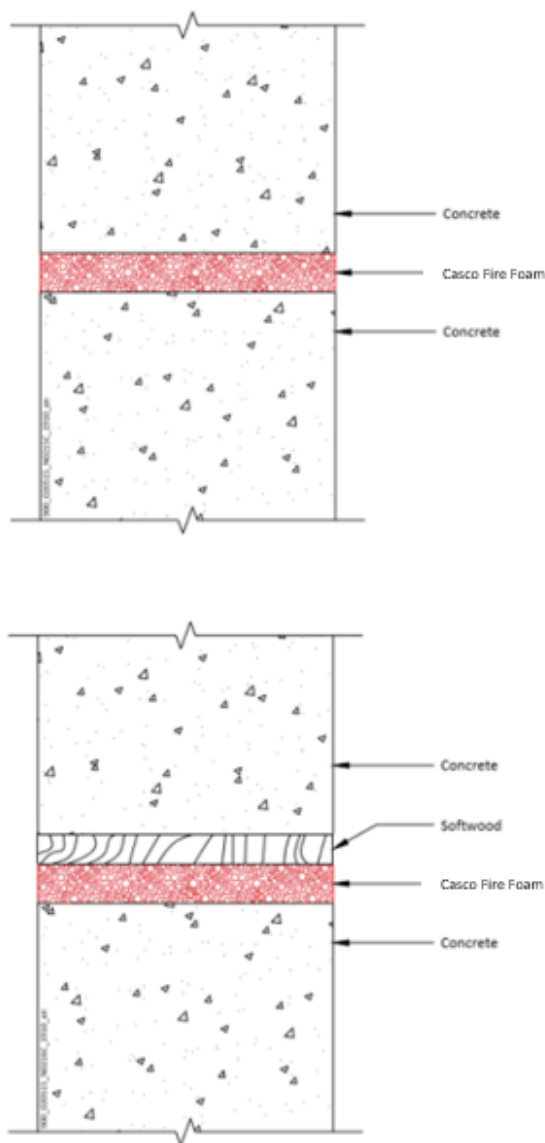
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C.2 Rigid wall constructions according to section 2 with wall thickness of minimum 150 mm

C.2.1 Linear joint or gap seal, vertically or horizontally orientated (in a wall construction) with sealant to the full 150 mm depth of the wall.

Construction details:



Ytelseserklæring

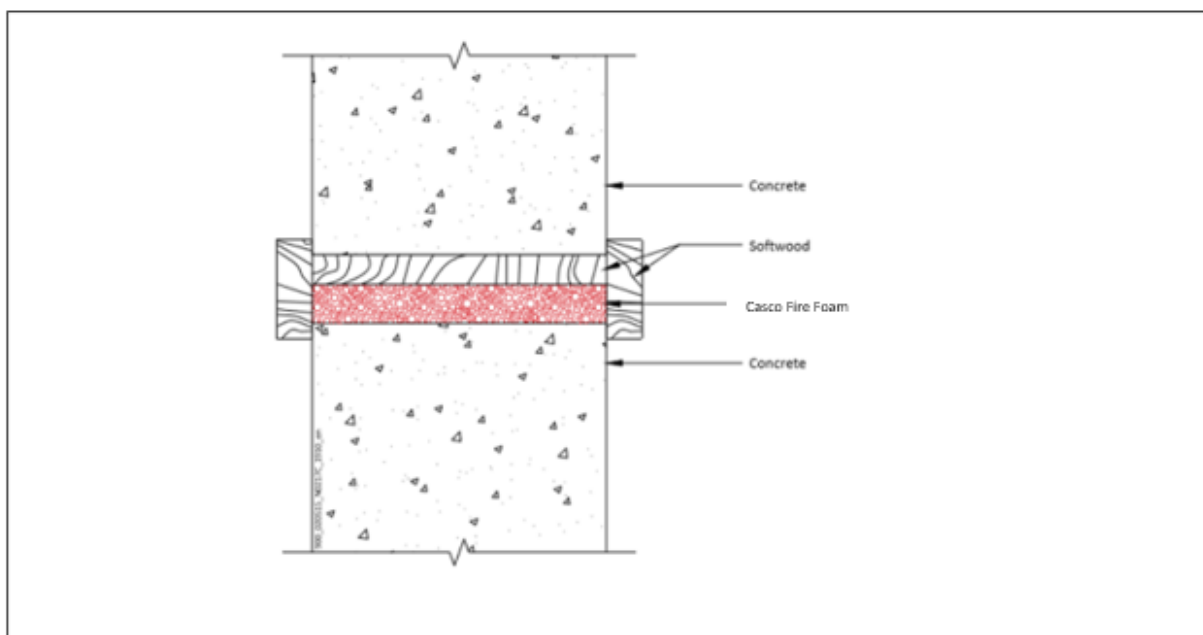
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C.2.1.1

CASCO FIRE FOAM Linear Joint Seals in 150 mm thick Rigid Walls.			
Substrates	Seal Depth	Applicator type	Classification
AAC/AAC	150 mm	Gun / Nozzle	EI 60 – V – X – F – W 0-20
		Gun / Nozzle	EI 180 – V – X – F – W 0-10
		Gun / Nozzle	EI 60 – T – X – F – W 0-20
AAC/Softwood Timber	150 mm	Gun / Nozzle	EI 120 – V – X – F – W 0-20
		Gun / Nozzle	EI 120 – T – X – F – W 0-20
AAC/Softwood with 50 x 18 mm Softwood architrave on both sides	150 mm	Gun / Nozzle	EI 90 – V – X – F – W 0-20
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8 RELEVANT TEKNISK DOKUMENTASJON OG/ELLER SPESIFIKK TEKNISK DOKUMENTASJON

Ytelsen for varen som angitt i pkt. 1 og 2, er i samsvar med ytelsen angitt i pkt. 7. Denne ytelseserklæringen er utstedt i samsvar med forskrift (EU) nr. 305/2011 på eget ansvar av produsenten, som angitt i pkt. 3.

Undertegnet for og på vegne av produsenten av:

Navn: Sebastien Godard
Funksjon: General Manager
Spånga, 07 Mai 2020

Navn : Marie Rönn
Funksjon: Product Manager
Spånga, 07 Mai 2020

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Ovenstående informasjon i samsvar med krav i EU-förordning nr. 305/2011

RELATERT YTELSESERKLÆRING

Produktnavn	Harmonisert teknisk spesifikasjon	DoP nummer
-	-	-

Ytelseserklæring

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FULL CE-MERKING

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Sika Services AG, Zurich, Switzerland
68213749
EAD 350141-00-1106:2017
1121, 2812
Fire Stopping, Fire Sealing & Fire Protective Products. Fire Retardant Products

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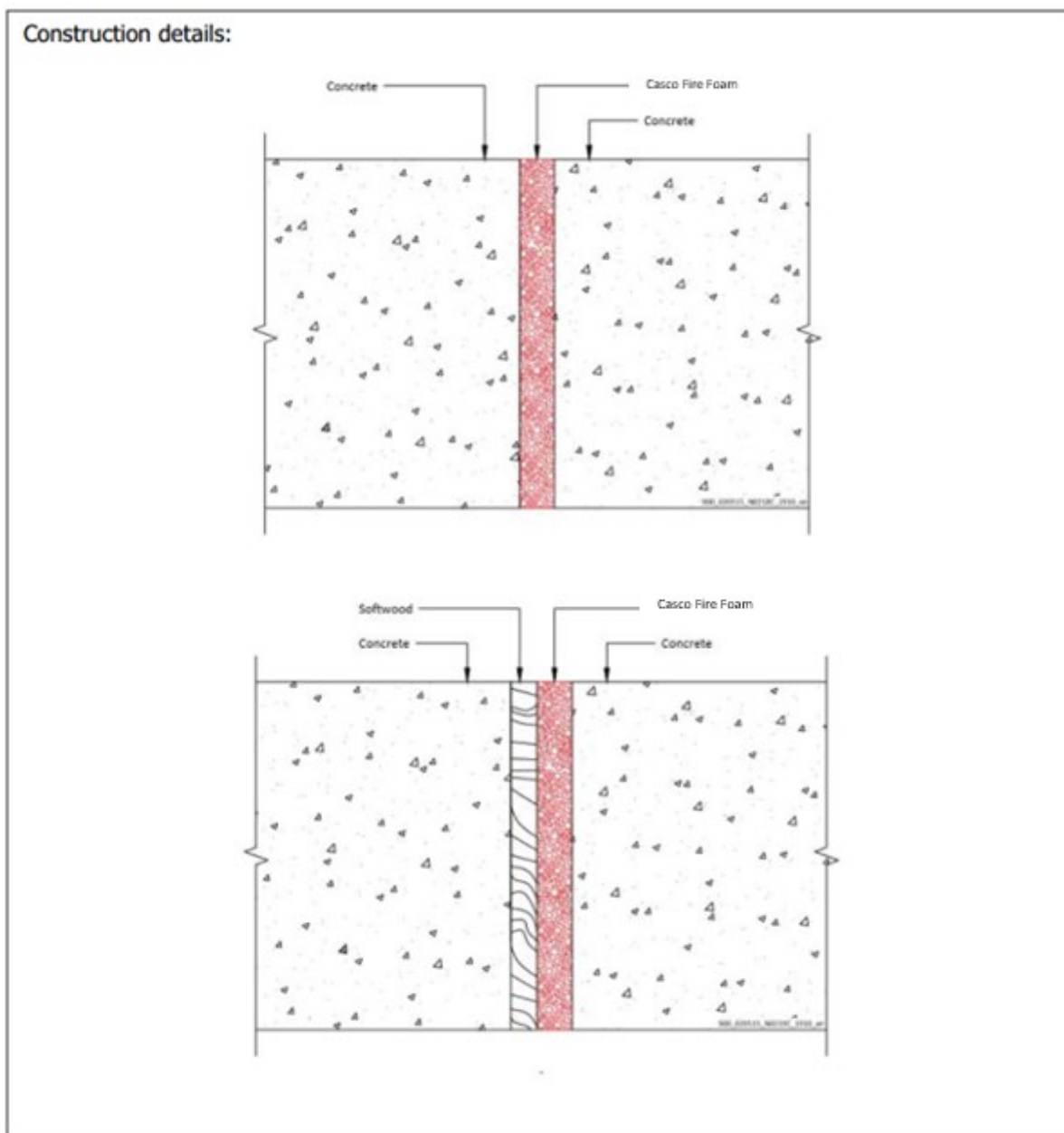
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Annex C

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- C.1 Rigid floor constructions according to section 2 with floor thickness of minimum 200 mm
C.1.1 Linear joint or gap seal, horizontally orientated with foam seal to the full 200 mm depth.



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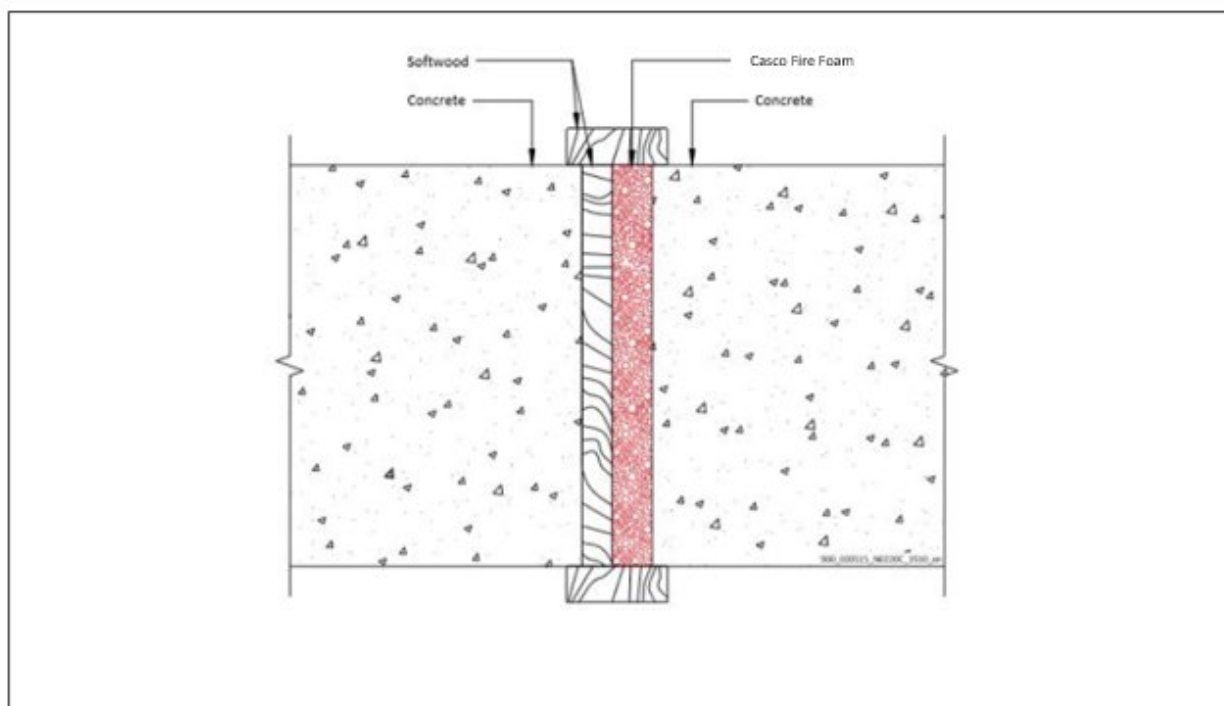
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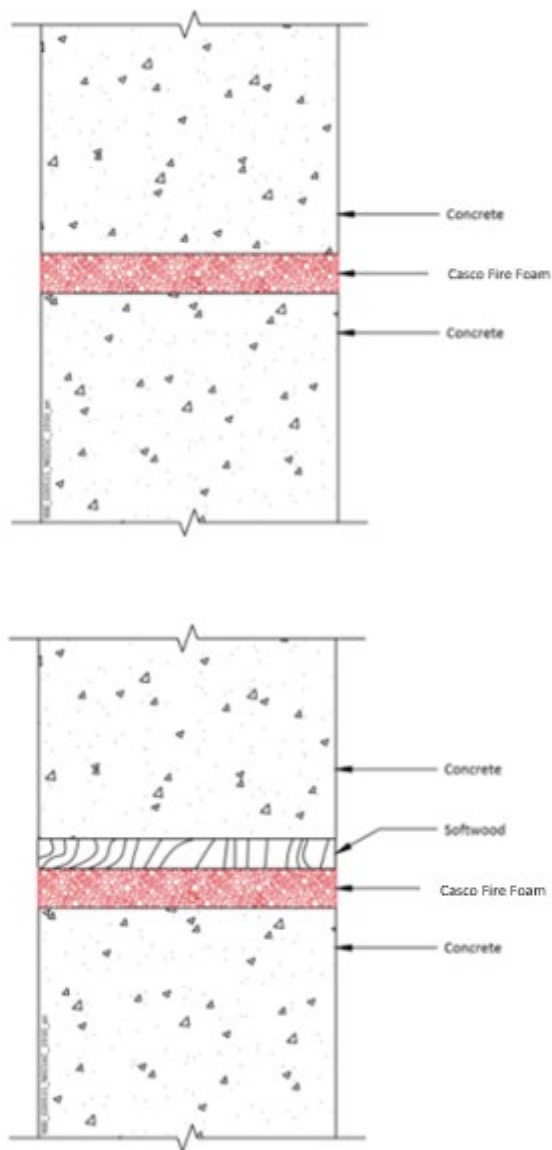
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C.2 Rigid wall constructions according to section 2 with wall thickness of minimum 150 mm

C.2.1 Linear joint or gap seal, vertically or horizontally orientated (in a wall construction) with sealant to the full 150 mm depth of the wall.

Construction details:



Ytelseserklæring

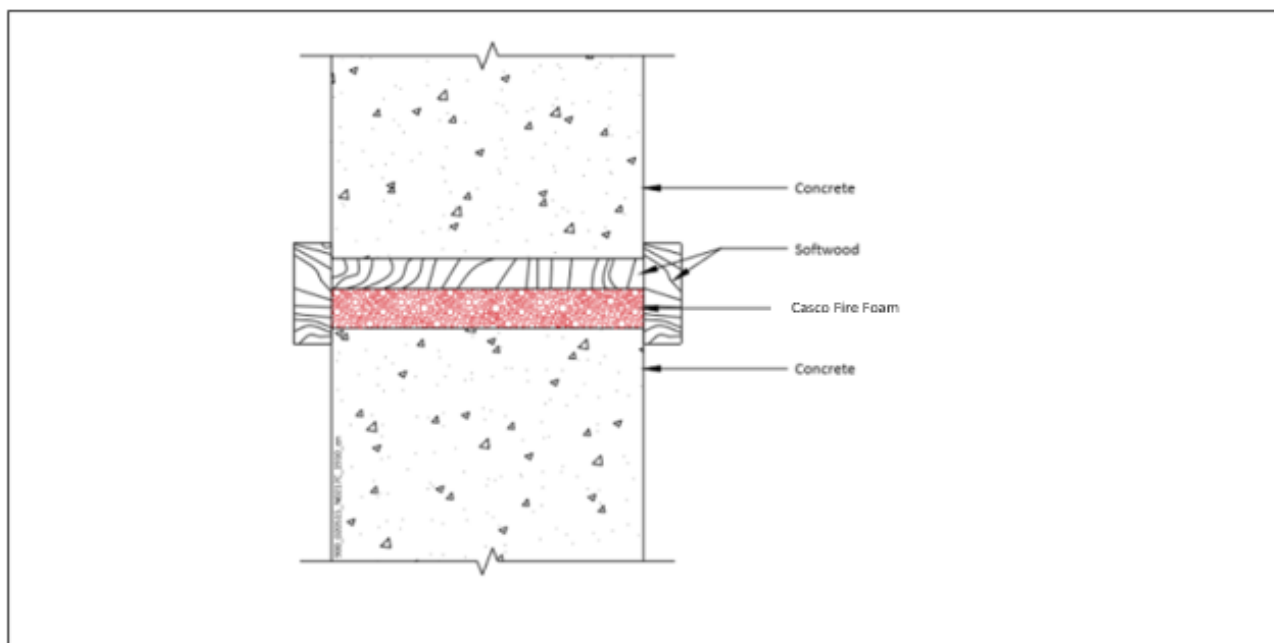
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CASCO FIRE FOAM Linear Joint Seals in 150 mm thick Rigid Walls.			
Substrates	Seal Depth	Applicator type	Classification
AAC/AAC	150 mm	Gun / Nozzle	EI 60 – V – X – F – W 0-20
		Gun / Nozzle	EI 180 – V – X – F – W 0-10
		Gun / Nozzle	EI 60 – T – X – F – W 0-20
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		Gun / Nozzle	EI 120 – T – X – F – W 0-20

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1121, 2812
Fire Stopping, Fire Sealing & Fire Protective Products. Fire Retardant Products
For details see accompanying documents
dop.sika.com

HELSE, MILJØ OG SIKKERHETS INFORMASJON (REACH)

Brukere skal alltid forholde seg til sist oppdaterte versjon av produktdatablad og HMS-datablad for det aktuelle produktet. Kopier av gjeldende versjoner finnes på Sika Norges internettsider: www.sika.no.

PRODUKTANSVAR

Denne informasjonen og i særdeleshet anbefalingene i forbindelse med anvendelse av Sika-produkter er gitt i god tro, basert på Sikas inneværende kunnskap og erfaring med produktene når de er riktig lagret, behandlet og anvendt under normale forhold. I praksis vil forskjellene i materialer, underlag og lokale forhold være av en slik karakter at verken denne informasjonen, andre skriftlige anbefalinger eller noen annen form for råd kan innebære noen garanti med hensyn til det bearbeidede produktets omsetnings-potensial eller egnethet for et bestemt formål, ei heller noen annen form for juridisk ansvar. Tredjeparts eiendomsrett må respekteres. Enhver ordre aksepteres i henhold til Sikas gjeldende salgs- og leverings-betingelser. Brukere skal alltid forholde seg til sist oppdaterte versjon av produktdatablad og HMS-datablad for det aktuelle produktet. Kopier av gjeldende versjoner finnes på Sika Norges internettsider.

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