

Table of test results

This table gives a test overview of our fire resistant joint solutions, divided in single-sided or double-sided application. **The test results are valid in cellular concrete, concrete and brick.** All systems can also be used for joints with smoke and gas tightness requirements


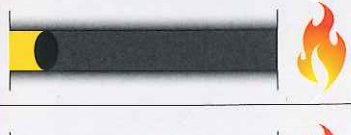
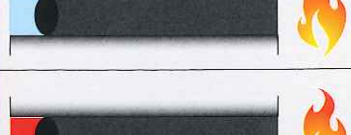
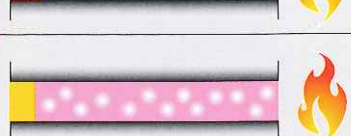








Colour legend

	Soudaseal FR		Firesilicone B1 FR
	Firecryl FR		Soudafoam FR

International classification reports (available on simple request)

- RUG 9279C, WFRC C113610, BWA 45716-01, BWA 45717-01
- Warrington WFRG 13492B, EFECTIS PV n°09-A-276, Afiti n°1882T09, EFECTIS 2009-R0703, BWA 23751-00
- ITB LP-02491.1/09 • ITB LP-02491.2/09



	JOINT VIEW FROM TOP	SYSTEM BUILD-UP	FIRE RESISTANCE EI* (MIN)	JOINT WIDTH (MM)		JOINT DEPTH (MM)	JOINT TYPE	SEPARATION ELEMENT	ELEMENT DEPTH (MM)	
One-sided application		Soudafoam FR 100% filled	240min 120min 90min 90min 90min 45min	10	30 40 30 30	200 200 200 150 100 100	Vertical Vertical Vertical Horizontal Vertical Vertical	Wall Wall Wall Ceiling Wall Wall	200 200 200 150 100 100	200
		Soudaseal FR + PU backing	240min 120min 90min 60min	15	20 30 20	15 15 20 15	Vertical Horizontal Horizontal Vertical	Wall Ceiling Ceiling Wall	200 150 150 115	200
		Firecryl FR + PU backing	240min 120min 60min	15	20 20	15 20 20	Vertical Horizontal Vertical	Wall Ceiling Wall	200 150 115	200
		Firesilicone B1 FR + PU backing	240min 120min 60min	10	25 25	10 15 15	Vertical Horizontal Vertical	Wall Ceiling Wall	200 150 115	200
		Soudaseal FR + Soudafoam FR	240min 240min 120min 120min		30 25 40 25	20 + foam 20 + foam 25 + foam 20 + foam	Vertical Vertical Horizontal Vertical	Wall Wall Ceiling Wall	200 200 150 115	200
		Firecryl FR + Soudafoam FR	240min 240min 120min 120min		25 30 30 20	25 + foam 25 + foam 25 + foam 20 + foam	Horizontal Horizontal Vertical Vertical	Wall Ceiling Wall Wall	200 150 115 115	200
		Firesilicone B1 FR + Soudafoam FR	120min 120min		40 40	20 + foam 20 + foam	Horizontal Vertical	Ceiling Wall	150 115	150
		Firesilicone B1 FR + Mineral Wool (≥ 80kg/m³)	120min 120min			100 100	Horizontal Horizontal + Vertical	Ceiling Wall	150 115	150
		Soudaseal FR + PU backing + PU backing + Soudaseal FR	240min 120min 120min		30 30 30	20 20 20	Vertical Horizontal Vertical	Wall Ceiling Wall	200 150 115	200
		Firecryl FR + PU backing + PU backing + Firecryl FR	240min 240min 180min		20 10 20	20 10 20	Vertical Vertical	Wall Wall Wall	200 100 100	200
Two-sided application		Firesilicone B1 FR + PU backing + PU backing + Firesilicone B1 FR	240min 180min 120min 90min	10 10	30 30	10 20 10 20	Vertical Vertical Vertical Vertical	Wall Wall Wall Wall	200 200 100 100	200
		Firecryl FR (Thin layer) + Soudafoam FR + Firecryl FR (Thin layer)	120min 120min 120min 60min		30 50 50 50	3 + foam 3 + foam 3 + foam 3 + foam	Horizontal Vertical Horizontal Vertical	Ceiling Wall Wall Wall	150 115 115 115	150
		Firesilicone B1 FR + Soudafoam FR + Firesilicone B1 FR	120min 60min		60 60	20 + foam 20 + foam	Horizontal Vertical	Ceiling Wall	150 115	150

* E = joint integrity / I = thermal insulation

TESTED ACCORDING EN 1366-4

