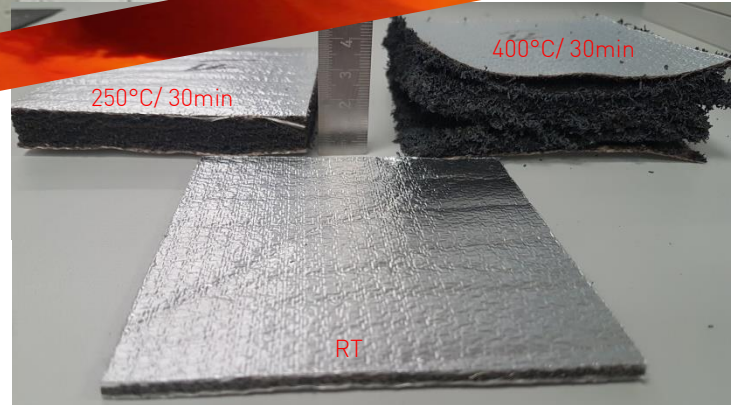


HKO

TRUST THE EXPERTS



PASSIVE FIRE PROTECTION REFLECTORGATE

		47L A12 3100 - ..3150
PRIME	-	47L A13 3100
ITX PRIME	-	47L 119 0005

The REFLECTORGATE fabrics are designed for Fire Curtains meeting the highest protection targets, depending of the customers construction, like EI₁₃₀ to EI₁₂₀ without sprinklers.

As the basis of the REFLECTORGATE is THERMO-E-Glassfabric, steelwire reinforced, foiled with thin, high reflective aluminum. From this is a balanced laminate produced with both sides aluminum.

To improve insulation grade REFLECTOREGATE is available with a core of a needle mat or an intumescent textile core.

Applications of REFLECTORGATE:

- ✓ Fabrics for fire curtains
- ✓ Special Insulations

According to WHO guidelines, the fibres used are considered harmless to health as they are not respirable with a diameter of $\geq 6 \mu\text{m}$. REFLECTORGATE multilayers offer extreme fire protection against the special features of lithium-ion fires. They also have very good cold resistance.

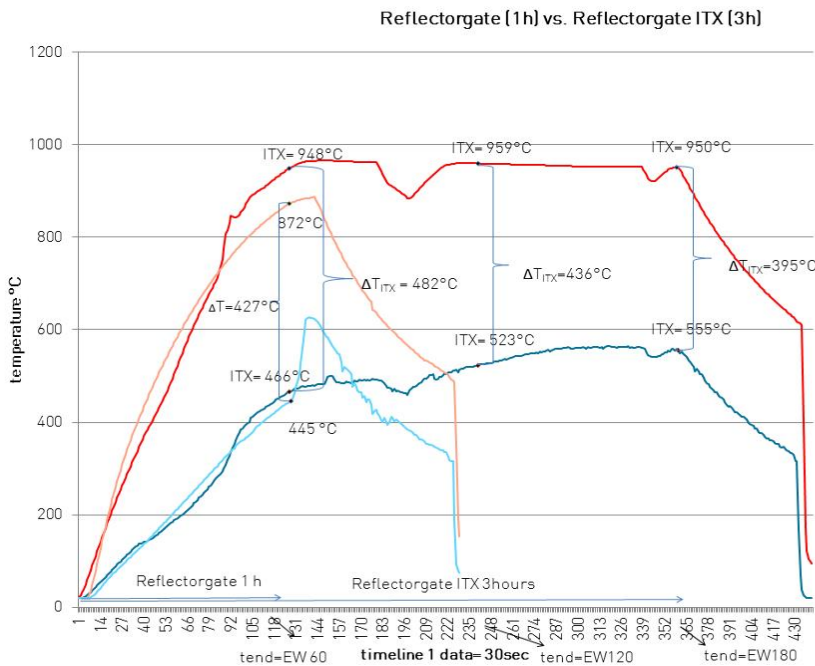


SAINT-GOBAIN

REFLECTORGATE

47L A12 3100 - 3150
 PRIME - 47L A13 3100
 ITX PRIME - 47L 119 0005

	47LA123100 - 3150 REFLECTORGATE	47LA133100 REFLECTORGATE PRIME	47L1190005 REFLECTORGATE ITX PRIME
	TGL 1230	TGL 2000	TGL 1900
functional layers	5	5	5
width [mm]	max 1.500	max 1.000	max 1.000
construction	balanced airgap-opener	balanced Fibre-mat core (5 mm)	balanced Intumescent-core (2 mm) expand to 25-27 mm at 450°C core temp.
operating temperature [°C]	-40 to 200	-40 to 200	-40 to 190*
total area weight [g/sqm]	1230	2000	1900
thickness [mm]	2,0-2,5	6,8-7,5	3,8-4,2
Specific heat [J/g°K]	at 20°C at 200°C		
			*activation starts
REACH / RoHS	compliant	compliant	compliant
Thermal Performance:			
burning behaviour	EN 13501-1:2019-5	B; s1-d0	tbd



tested: in front of the oven, acc firehouse



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