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FRIGAIR
EXHIBITION 2018

 **QFIRE**  **ENGINEERING** (PTY) LTD.

Smoke Barriers

Why they are critical and EN 12101:1

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FRIGAIR 2018



Technical terms:

SANS 10400:2011 Part T 4.42 Smoke control

The term is CONTROL

IF you do not know, “without any doubt”, you have no control

Without CONTROL then YOU, “the designer” have not complied



Reference to SANS 10400:2011 Part T:

“4.42.3 In any smoke ventilation or heat ventilation system, the applicable equipment shall comply with the requirements of the relevant part of EN 12101.”

Why choose EN 12101?

Independently tested and certified; this is important because

Tested products provide the “Designer” with certified results and confidence in these tested results



The purpose of smoke barriers:

Create reservoirs





The purpose of smoke barriers:

Create reservoirs

Channel smoke





The purpose of smoke barriers:

Create reservoirs

Channel smoke

Prevent smoke travel





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