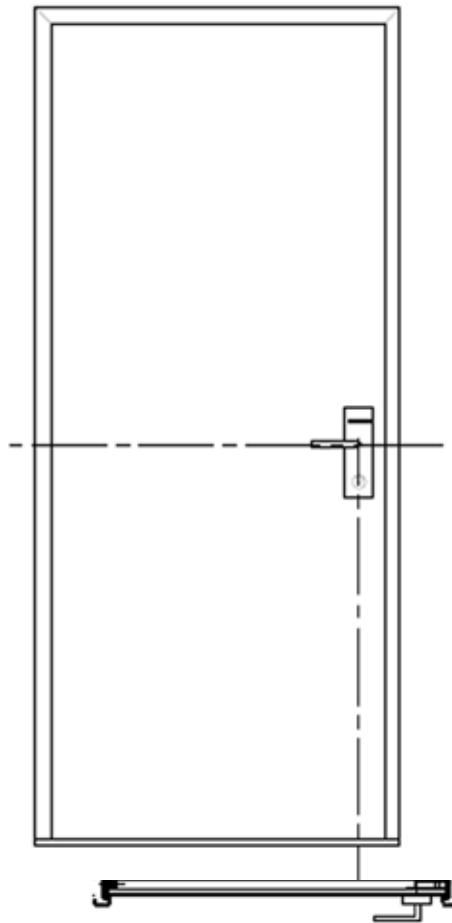


# VARIKUST<sup>®</sup> VK62 FIRE



## ACOUSTIC FIRE DOORS



### ***FIRE TEST RESULTS - ACCORDING TO SANS 1253. SANS 10177 - 2 (FRR)***

FIRE RESISTANCE RATING (FRR): 60min

INTEGRITY : criteria satisfied for a period of approximately 1hr 14minutes

STABILITY : criteria satisfied for a period of approximately 1hr 15minutes

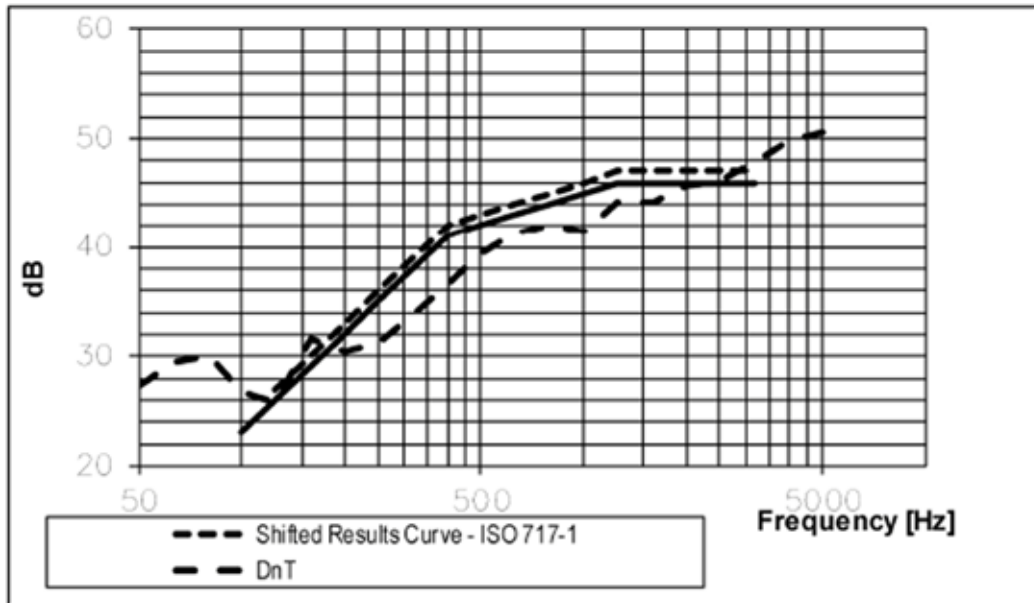
INSULATION : the maximum single temperature reached before the test was terminated at 1hr 15minutes was 80.2°C and the maximum average temperature at the time was 71.1°C

This door exceeds the requirements for INTEGRITY, STABILITY & INSULATION for a **CLASS A FIRE DOOR** (test report available on our website).

## SOUND TEST RESULTS

**STANDARDISED LEVEL DIFFERENCE ACCORDING TO ISO 162283-1 2014  
FIELD MEASUREMENTS OF AIRBORNE SOUND INSULATION BETWEEN ROOMS**

Frequency	DnT
Hz	dB
50	27.4
63	29.5
80	30.1
100	26.7
125	25.8
160	31.5
200	30.5
250	31.2
315	33.7
400	36.7
500	39.3
630	41.2
800	42.1
1000	41.4
1250	44.2
1600	44.2
2000	45.7
2500	46.1
3150	47.9
4000	49.8
5000	50.7



RATING ACCORDING TO ISO 717-1					
	DnT <sub>ra</sub> (C; Ctr) =		42	(-1;-5) dB	
	DnT <sub>w</sub> (C; Ctr, C <sub>50-5000</sub> ; Ctr <sub>50-5000</sub> ) =		42	(-1;-5 -1;-5) dB	
STC RATING ACCORDING TO ASTM - E413			43	dB	

### 4mm door skin finishes

- Superwhite
- MDF - can be painted by others
- Veneers - sealed with waterbase PU sealer or stained to match
- HPL - formica, fenix, merino
- Specialised facing e.g. Nanotech
- ....other finishes on request



### Frame finishes

- mild steel plate  
(primed for painting by others)
- SS430 plate - stainless steel  
(primed for painting by others)
- > additional decorative frame finish:  
timber architrave - from solid timber  
(for hinge side and / or push side)

### Door locks

The VK62 acoustic fire door is prepared for a lock to specifications, and is compatible with access control hardware with a backset  $\geq 70$ mm e.g. ASSA ABLOY VINGCARD Classic Euroline 80BS



SPECIFICATION TEXTS AVAILABLE ON AUTOSPEC AND OUR WEBSITE



TEL: +27 11 451 8400

FAX: +27 11 609 8097

mailbox@aluglass.co.za

www.aluglass.co.za