## ROXUL A Safern Sound®

## ROXUL SAFE'n'SOUND®

## Residential Fire and Soundproofing Insulation

## **Product Description & Application**

ROXUL SAFE'n'SOUND® is a mineral wool batt insulation for interior partitions of wood and steel frame construction where superior fire resistance and acoustical performance is required.

boards (type x)	ation for Bu moke devel noke devel pustibility of 50°C - Non 1% 0 kg/m <sup>3</sup> ) ckness (76 a center: 15 a center: 23 center: 24.	uildings, Ty loped index f Building N Combustit 5.25" x 47" 5.25" x 47" (58 25" x 48" 25" x 48" 25" x 48"	ype 1 Comp x = 0 Materials - N ble (387mm x 84mm x 119 (413mm x 1 (616mm x 1	1194mm) 94mm) 1219mm) 1219mm)		sistance	ASTM C665 CAN/ULC S702 ASTM E84 (UL 723) CAN/ULC S102 CAN/ULC S114 ASTM E136 CAN/ULC S129 ASTM C167
ad index = 0; Sr ion of Non Comb of materials at 75 Resistance - 0.09 sity - 2.5 lb/ft <sup>3</sup> (4 available in 3" thick 1 16" (406mm) on 124" (610mm) on 24" (610mm) on scription boards (type x)	noke devel pustibility of 50°C - Non 9% 0 kg/m <sup>3</sup> ) ckness (76 n center: 15 n center: 23 center: 24.	5.22mm) 5.25" x 47" 3.25" x 47" 5.25" x 48" 25" x 48" 25" x 48" 25" x 48"	x = 0 Materials - N ble (387mm x 84mm x 119 (413mm x 1 (616mm x 1	1194mm) 94mm) 1219mm) 1219mm)		sistance	CAN/ULC S102 CAN/ULC S114 ASTM E136 CAN/ULC S129
available in 3" thin 16" (406mm) on 124" (610mm) on 16" (406mm) on 24" (610mm) on scription boards (type x)	ckness (76 a center: 15 a center: 23 center: 16. center: 24.	5.25" x 47" 3" x 47" (58 25" x 48" 25" x 48" ransmissio	8 <sup>4</sup> mm x 119 (413mm x 1 (616mm x 1	94mm) 1219mm) 1219mm)	Fire Re	sistance	ASTM C167
l 16" (406mm) on l 24" (610mm) on 16" (406mm) on 24" (610mm) on scription boards (type x)	a center: 15 a center: 23 center: 16. center: 24.	5.25" x 47" 3" x 47" (58 25" x 48" 25" x 48" ransmissio	8 <sup>4</sup> mm x 119 (413mm x 1 (616mm x 1	94mm) 1219mm) 1219mm)	Fire Re	sistance	
1 24" (610mm) on 16" (406mm) on 24" (610mm) on scription boards (type x)	center: 23 center: 16. center: 24.	8" x 47" (58 25" x 48" 25" x 48" ransmissio	8 <sup>4</sup> mm x 119 (413mm x 1 (616mm x 1	94mm) 1219mm) 1219mm)	Fire Re	sistance	
boards (type x)	Sound Tr		n Class (ST	TC)	Fire Re	sistance	
System DescriptionSound Transmission Class (STC)Fire Resistance5/8" gypsum boards (type x)521 hour3 5/8" steel studs spaced 24" OCROXUL SAFE'n'SOUND Steel Stud1							
E'n'SOUND Wood	Stud	45					
KUL SAFE'n'SOUN	ID Wood Stu	50 ud			30 m	inutes	
ess 125 Hz 0.52	250 Hz 0.96	500 Hz 1.18	1000 Hz 1.07	2000Hz 1.05	4000 Hz 1.05	NRC 1.05	ASTM C423
	boards (type x) tuds spaced 16" O E'n'SOUND Wood annels spaced 16" Joists spaced 16" KUL SAFE'n'SOUN annels spaced 24" boards (type x) ess 125 Hz	boards (type x) tuds spaced 16" OC E'n'SOUND Wood Stud annels spaced 16" OC Joists spaced 16" OC KUL SAFE'n'SOUND Wood Stu annels spaced 24" OC boards (type x) ess 125 Hz 250 Hz	boards (type x) 45 tuds spaced 16" OC E'n'SOUND Wood Stud annels spaced 16" OC 50 KUL SAFE'n'SOUND Wood Stud annels spaced 24" OC boards (type x) ess 125 Hz 250 Hz 500 Hz	boards (type x) 45 tuds spaced 16" OC 'E'n'SOUND Wood Stud annels spaced 16" OC 50 KUL SAFE'n'SOUND Wood Stud annels spaced 24" OC boards (type x) ess 125 Hz 250 Hz 500 Hz 1000 Hz	boards (type x) 45 tuds spaced 16" OC 'E'n'SOUND Wood Stud annels spaced 16" OC 50 KUL SAFE'n'SOUND Wood Stud annels spaced 24" OC boards (type x) ess 125 Hz 250 Hz 500 Hz 1000 Hz 2000Hz	boards (type x) 45 1 hour (non- tuds spaced 16" OC 45 hour (lo E'n'SOUND Wood Stud annels spaced 16" OC 50 30 m KUL SAFE'n'SOUND Wood Stud annels spaced 24" OC 50 30 m boards (type x)	boards (type x) 45 1 hour (non-loadbearing tuds spaced 16" OC 45 hour (loadbearing E'n'SOUND Wood Stud annels spaced 16" OC 50 30 minutes KUL SAFE'n'SOUND Wood Stud annels spaced 24" OC boards (type x) ess 125 Hz 250 Hz 500 Hz 1000 Hz 2000Hz 4000 Hz NRC

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