

## SOUNDCONTROL C5481 200

PROPERTY	TESTING METHOD	UNIT	VALUE
Composition			PES/PE/synthetic rubber
Treatment			selfadhesive
Special characteristic			sound absorption, rainfall noise insulation
Weight	EN 29073-1	g/m <sup>2</sup>	±10% 200
Thickness	EN ISO 9073-2	mm	3-4
Flammability	EN 13501-1		B - s1, d0 <sup>*1</sup>
Peel adhesion MD	FILC int. 29	N/25mm	min 7 <sup>*1</sup>
Adhesion after ageing - MD	Filc int.22	N/25 mm	improved
Water absorption 0°	FILC int. 19	g/m <sup>2</sup>	min 2500 <sup>*1</sup>
Rainfall noise sound insulation	ISO 140-18	dB	L <sub>IA</sub> 71 <sup>*2</sup> 65 <sup>*1</sup>
			ΔL <sub>IA</sub> 6
			125Hz 250Hz 500Hz 1000Hz 2000Hz 4000Hz
Sound absorbtion	EN ISO 354		0,13 0,27 0,21 0,32 0,47 0,54
Colour			black-white melange
Width		mm	max 1560
Ø Card pipe		mm	76
*1 - Felt on metal sheet			
*2 - Metal sheet			

## WORKING CONDITIONS

- SOUNDCONTROL and the metal sheet should be laminated at a working temperature of +10°C or more. We recommend that coils and anticondensation membrane are stored where the production takes place.
- The surface of the metal sheet where SOUNDCONTROL will be applied must be dry and free of dust, oils, silicons, rust or anything similar. Dirtiness prevents good contact between the adhesive and the metal sheet, consequently the quality of the end product could suffer.
- SOUNDCONTROL should also not be applied to surfaces which contain softeners such as Plastisol or similar.
- To obtain a good adhesion it is necessary to ensure equable pressure all over the surface between the metal sheet and SOUNDCONTROL.
- A metal roof with SOUNDCONTROL membrane should be built according to current building standards and standard building practices.
- Prevention of capillarity rise should be carried out. In order to allow SOUNDCONTROL to get dry, sufficient ventilation has to be provided.

## STORAGE

SOUNDCONTROL should be stored in a dry, closed space at the temperature between +5°C ~ +30°C. It should not be exposed to direct sunlight. If stored according to the given conditions, the quality of material will not change in a period of one year.

## WARNING

- The membrane is used to improve sound absorbing and insulation capabilities of closed metal constructions.
- The bonding is permanent. If removed, SOUNDCONTROL can not be glued again to the surface.
- In case of contamination of SOUNDCONTROL, we recommend to clean the material with water.

## OTHER

- Applied on a profiled metal sheet SOUNDCONTROL resists environmental temperatures from -40°C to +80°C.
- For further information please contact Filc d.d.
- The given values correspond to the average of laboratory results and to our present level of technical knowledge and experience. The user should test for himself whether the product and the application are suited for his purposes. Possible patent rights, existing laws and regulations must be observed by the user as his own responsibility. Due to our continuing product development the information in this Technical Data can change without prior notice.

