



SANI-CLAD Ltd
HYGIENIC WALLS & CEILINGS

Freephone: 0800 840 7464 E-Mail: info@saniclad.co.uk

Saniclad Data sheet

Introduction

Saniclad PVC sheets are easy to handle and fabricate, have excellent fire and chemical resistance, have excellent electrical and thermal insulation and are non toxic.

Typical applications are hygienic wall cladding, laboratory and chemical processing.

Quality Assurance

Saniclad PVC sheets are manufactured to a product specification Quality Assurance ISO 9001:

2000 accredited by SGS certificate number GB 96/8458.

Approved for use with foodstuffs

Saniclad PVC sheets are approved for use with foodstuffs as specified in European Union Directive 97/48/EC.

No concentrations of heavy metals

Saniclad PVC sheets comply with the European Union RoHS Directive 2002/95/EC regarding the concentrations of heavy metal compounds of lead(Pb), Cadmium(Cd), Mercury(Hg) and concentrations of flame retardants based on polybrominated biphenyls (PBB).

Contains no banned or restricted substances

Saniclad PVC Sheeting does not contain any of the Ericsson list of banned or restricted substances.

Materials conformity declaration

Saniclad PVC sheets conform to material safety data specified within European Union directive EC 91/155/EEC.

Fire Resistance and Classification

Saniclad PVC sheets meet fire resistance classification BS476:Part 7:Surface spread of flame:Class 1;

BS476:Parts 6 and 7:Class 0,and European Union ISO EN 13501-1:B-s3,d0

Cleaning

Saniclad pvc sheets are made using stable polymers that do not react with many domestic cleaners, however we recommend cleaning with a simple soapy solution.



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Typical physical properties

PROPERTY	METHOD	CONDITIONS	UNITS	VALUE
DENSITY	D-1505		G/CM ³	1.4
HEAT DEFLECTION TEMPERATURE	D-648	LOAD 1.82 MP	C	65-68
SERVICE TEMPERATURE RANGE			C	-10 TO +50
THERMAL CONDUCTIVITY	C-177		W/m K	0.15
COEFFICIENT OF THERMAL LINEAR EXPANSION	D-696		CM/CM C	6.7 X 10 ⁻⁵
IMPACT FALLING WEIGHT	ISO 6603/1	3MM SHEET	J	95
ROCKWELL HARDNESS	D-785		R-SCALE	97R
TENSILE STRENGTH AT YIELD	D-638	10MM/MIN	MPa	52
TENSILE STRENGTH AT BREAK	D-638	10MM/MIN	MPa	50
ELONGATION AT YIELD	D-638	10MM/MIN	%	3
ELONGATION AT BREAK	D-638	10MM/MIN	%	140
TENSILE MODULUS OF ELASTICITY	D-638	1MM/MIN	MPa	2900
FLEXURAL STRENGTH	D-790	1.3MM/MIN	MPa	80
FLEXURAL MODULUS	D-790	1.3MM/MIN		2700