

# ProtectWALL

## TECHNICAL DATA

The ProtectWALL range, available in 50 decors, is a smart wall solution designed to be a heavy duty wallcovering to protect walls against shocks and scratches in heavy traffic environments. The range is 100% phthalate-free and the VOC air emission rate is very low; less than 10µg/m<sup>3</sup>. The range includes a 1.5mm version and a 2CR version designed for Clean Rooms and classified ISO Class 1 (EN 14644-1), both with a 10 year warranty.

TECHNICAL DATA	STANDARD	PROTECTWALL 1.5	PROTECTWALL 2 CR (Clean Room)
<b>CLASSIFICATION</b>			
Classification	EN 259-1 EN 14644-1	Heavy duty wall covering - -	Heavy duty wall covering ISO class 1 GMP class A
<b>TECHNICAL CHARACTERISTICS</b>			
Total thickness	EN ISO 24346	1.50 mm	2.00 mm
Total weight	EN ISO 23997	2400 g/m <sup>2</sup>	3000 g/m <sup>2</sup>
Wear layer thickness	EN ISO 24340	0.35 mm	0.55 mm
Form of delivery	EN ISO 24341 (rolls)	20 running metres x 200 cm (40m <sup>2</sup> )	20 running metres x 200 cm (40m <sup>2</sup> )
<b>PERFORMANCES FOR CE MARKING REQUIREMENTS (EN 15102)</b>			
Declaration of Performance	EN 15102	0132-0065-DoP-2016-07	0131-0051-DoP-2013-07
Reaction to fire	EN 13501-1	B-s2,d0 glued on any non-metal A1 or A2-s1,d0 class substrate	B-s3,d0 glued on any non-metal A1 or A2-s1,d0 class substrate
Electrostatic properties	EN 1815	≤ 2 kV	≤ 2 kV
<b>TECHNICAL PERFORMANCES</b>			
Dimensional stability	ISO 23999 - EN 434	≤ 1% lengthwise	≤ 1% lengthwise
Curl resultant to heat	ISO 23999 - EN 434	≤  2  mm	≤  2  mm
Light fastness	EN ISO 105-B02	≥ 6	≥ 6
Resistance to impacts	EN 259-2	Resistant to impacts No visible burst nor crack	Resistant to impacts No visible burst nor crack
Scratch resistance		Sclerometer test: Excellent No visible scratch	Sclerometer test: Excellent No visible scratch
Spongeability washability Lyability brushability	EN 12956	Super washable and brushable	Super washable and brushable
Scuff resistance		Excellent No visible mark after cleaning	Excellent No visible mark after cleaning
Determination of Flexibility	ISO 24344 - EN 435	No damage, no crack	No damage, no crack
Determination of seam strength	EN 684	> 250 N/50 mm	> 400 N/50 mm
Hardness Shore A	ISO 868	92	94
Stain resistance	ISO 26987 - EN 423	Not affected (0)	Not affected (0)
Chemical resistance			
Contamination control	EN 14644-1	-	ISO Class 1 /GMP class A
Ease of decontamination	ISO 8690	-	Good
<b>ENVIRONMENTAL PERFORMANCES</b>			
Total VOC emissions	ISO 16000-9	≤ 10 µg/m <sup>3</sup> (after 28 days)	≤ 10 µg/m <sup>3</sup> (after 28 days)
<b>COLOURS</b>			
		45	5

The above information is subject to modification for the benefit of further improvement. (01/18).

According to the European Regulation N° 305/2011 for CE Marking, the Declarations of Performance are available on our website [www.tarkett.com](http://www.tarkett.com)

CUSTOMS TARIFF : 4820 5000 00

Tarkett's instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions.

