

POLYGOLD PURE PRODUCT RANGE

POLYGOLD PURE CEILING BISCUITS							
Product Description	SQM Per Pack	Thickness (mm)	Density (kg/m ³)	Width (m)	Length (m)	Pieces per Pack	Packs per Bale
R2.2	8.43	90	12.00	0.432	1.22	16	2
R3.2	8.43	140	10.50	0.432	1.22	16	8
R3.6	7.38	160	10.00	0.432	1.22	14	8
R4.0	6.85	180	9.25	0.432	1.22	13	8
R4.6	5.27	190	12.00	0.432	1.22	10	8

POLYGOLD PURE WALL BISCUITS							
Product Description	SQM Per Pack	Thickness (mm)	Density (kg/m ³)	Width (m)	Length (m)	Pieces per Pack	Packs per Bale
R2.2	10.58	90	12	0.58	1.14	16	8
R2.6	5.29	90	24	0.58	1.14	8	8

POLYGOLD PURE WALL BISCUITS – HUSH							
Product Description	SQM Per Pack	Thickness (mm)	Density (kg/m ³)	Width (m)	Length (m)	Pieces per Pack	Packs per Bale
R2.8	3.97	90	32	0.58	1.14	6	8

POLYGOLD PURE BLANKET (BIB)						
Product Description	SQM Per Roll	Thickness (mm)	Density (kg/m ³)	Width (m)	Length (m)	
R1.8	14.4	75	12	1.2	12	
R2.3	12.0	100	12	1.2	10	
R2.8	8.4	110	14	1.2	7	
R3.6	6.0	140	16	1.2	5	
R3.6	6.0	160	10	1.0	6	

INDIVIDUAL VOLATIVE ORGANIC COMPOUNDS (VOCs) EMISSION:

POLYGOLD PURE is safe to use due to the low VOC content. Tested in accordance with ASTM D 5116.

Analyte	24 Hr Emission Factor (µg/m ² -hr)	Certification Criteria		168 Hr Predicted Concentration	
		Greenguard	Children & Schools	Greenguard	Children & Schools
TVOC	4.8	≤ 0.5mg/m ³	≤ 0.22mg/m ³	0.001mg/m ³	0.001mg/m ³
Formaldehyde	2	≤ 0.05mg/m ³	≤ 0.0135mg/m ³	< 0.001ppm	0.001ppm
Total Aldehydes	2	≤ 0.1ppm	≤ 0.043ppm	< 0.001ppm	0.001ppm

EMISSION FACTORS OF SELECTED ALDEHYDES AT 24 ELAPSED EXPOSURE HOURS: POLYGOLD PURE emission level compared to the emission criteria of the GREENGUARD IAQ and GREENGUARD Children and Schools Standards.

CasNumber	Compound Identified	Emission Factor (µg/m ² -hr)
4170-30-3	2-Butenal	BQL
75-07-0	Acetaldehyde	BQL
100-52-7	Benzaldehyde	BQL
5779-94-2	Benzaldehyde, 2, 5-dimethyl	BQL
529-20-4	Benzaldehyde, 2-methyl	BQL
620-23-5 / 104-87-0	Benzaldehyde, 3- and/ or 4-methyl	BQL
123-72-8	Butanal	BQL
590-86-3	Butanal,3-methyl	BQL
50-00-0	Formaldehyde	2.00
66-25-1	Hexanal	BQL
110-62-3	Pentanal	BQL
123-38-6	Propanal	BQL

AVAILABLE FORM: Unfaced or Plain - designed for predictable thermal insulation performance with the added benefit of being an effective sound absorption and fire safety material.

Faced – please contact Alsynite representative for further information on available facing materials.

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of fire safety, thermal and acoustical glass mineral wool insulation listed herein represent typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions.

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