

2. COLOURS.

PUR based paint, hardened in a furnace. Paint is charged with PA-11 grains.

A. Front side: Standard colour co-extrusion: white (~RAL9016) . Coloured co-extrusion: most common standard RAL range (RAL approx.).

B. Back side: Standard colour co-extrusion: grey (~RAL7042) . Coloured co-extrusion: most common standard RAL range (RAL approx.).

Decoroc 49 standard RAL colours: 1004 – 1015 – 1019 – 3000 – 3005 – 3011 – 5002 – 5003 – 5007 – 5008 – 5010 – 5011 – 5014 – 5020 – 5024 – 6002 – 6009 – 6027 – 7016 – 7021 – 7023 – 7024 – 7026 – 7031 – 7033 – 7035 – 7042 – 7043 – 8003 – 8004 – 8016 – 8022 – 9001 – 9005 – 9006 – 9007 – 9016 – rd0204020 – rd2105010 – rd290301 – rd0504050 – rd0505020 – rd0608005 – rd0706020 – rd0708010 – rd0806020 – rd0808005 – rd0856010 – rd0906020. Other colours on request.

Notice: Colours are approaching RAL colours. For Decoroc, see “deuctone” sample flyer.

3. MECHANICAL & PHYSICAL CHARACTERISTICS o/t PROFILES & ELEMENTS

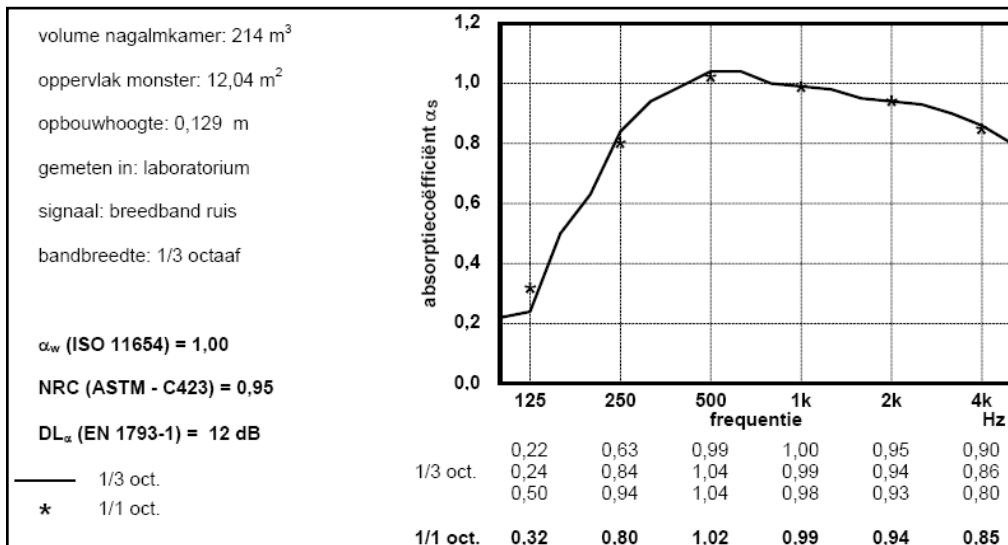
Characteristic	Value	Complying standard
Density co-extrusion layer	~1.5 Kg/dm ³	ISO 1183
Density hard foam PVC	~0.8 Kg/dm ³	ISO 1183
Weight of the element	~15Kg/lm – ~30Kg/m ²	
UV resistance co-extrusion	Conform	EN 1794 part 3.2
Flexion by own weight	Conform	EN 1794 part 1.2
Flexion on 1500Pa wind load (-30°C - +60°C)	Fmax. ≤ 50mm	EN 1794 part 1.1
Dynamic charge due to snow load	Conform	EN 1794 part 1.5
Fire resistance	Class 1	EN 1794 part 2.1
	Class 2	NEN 6065
Optical reflection (visible light)	Reflection 12-30 angle 60°	EN 1794 – part 2.5
Lifetime	Warranty: 20 year minimum	EN 1794 part 3
Water absorption	None	EN 1794 part 3.3
Electrolytic corrosion	None	EN 1794 part 3.5
Stone impact van (-20°C)	Conform	EN 1794 part 1.3
Yield stress	>39N/mm ²	ISO 527 type 1B (5 mm/min)
Elongation after rupture	>120%	ISO 527 type 1B (5 mm/min)
Glass transition temperature	Co-extrusion >75°C Hard foam PVC >70°C	ISO 306/B (50N)
Dilatation coefficient	0.07mm/°C/m	DIN 53752
Dilatation coefficient	CEN 1794 part 3.4	Conform
Electrical conductivity	None	
Deflection & absorption of radar Radio waves	None	

4. MECHANICAL & PHYSICAL CHARACTERISTICS of DECOROC®

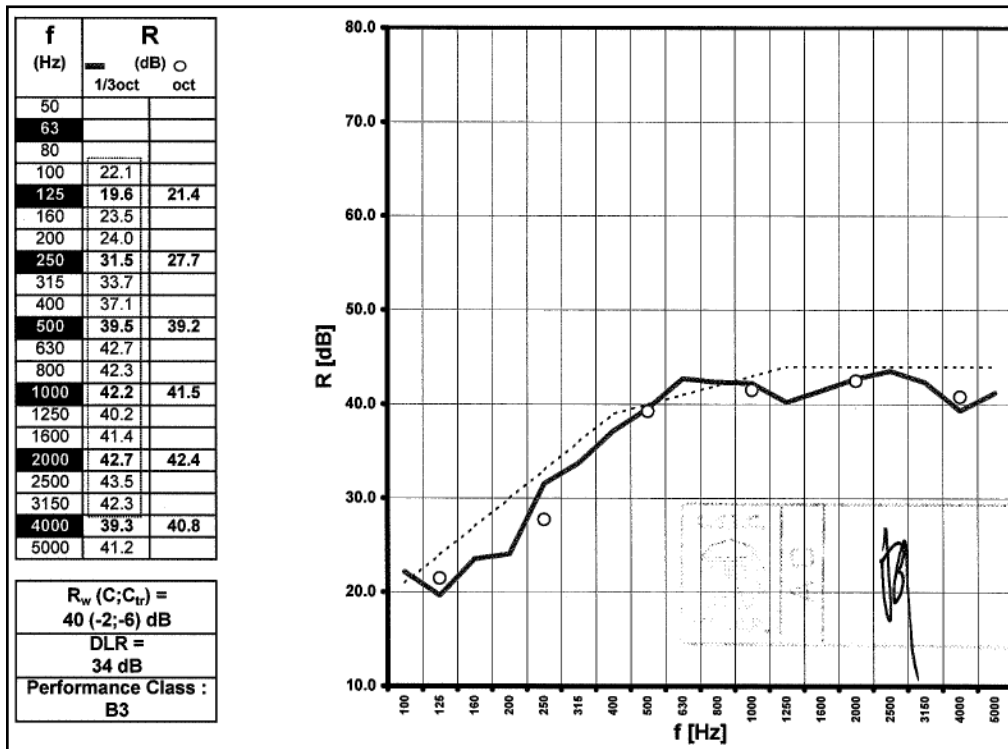
Characteristic	Value	Complying standard
Minimum thickness co-extrusion	~35 µm	
UV resistance on co-extrusion	Maximum 2 op grey scale	ISO 105/A02
Scratch resistance	> 15N	Erichson test: 15N – plastic wheel
Abrasion resistance	< 9mg	Taber test
Graffiti	Can be removed without affecting the coating	
Impact resistance	Maximum 1 rupture on 10 at -10°C	EN 477
Adhesion	Class 0	NEN 5337

5. ACOUSTIC CHARACTERISTICS o/t ELEMENT.

Characteristic	Value	Complying standard
Acoustic absorption-index Roads & Traffic	12 dB(A)	EN-ISO 354 EN1793-1
Acoustic insulation Roads & Traffic	1) Element loosely stacked on each other DLr = 28 dB(A) 2) Elements with blocking profile on the back DLr = 30 dB(A) 3) Elements with sealing strip & blocking profile on the back DLr = 34 dB(A)	EN 1793-2
Acoustic absorption-index Railway traffic	Part Bulk transport <50% = 9dB(A) Part Bulk transport ≥50% = 10dB(A)	Conform spec's Railway traffic



Extract from report A 1822-7 d.d. 12/12/08



Extract from report AC 4503 d.d. 20/03/08

6. ECOLOGICAL CHARACTERISTICS.

Part	Ecological performance
Absorbing rockwool	The panels are 100% recyclable in an environmental friendly production process at the manufacturer of the panels. The panels already contain recycled materials.
PVC structure elements	De PVC elements are made out of post-consumer recycled PVC, which is on itself again 100% recyclable.

7. Available element lengths.

Standard lengths: 3m00 – 4m00 – 5m00 (with metal corner reinforcement) → 5 weeks delivery.
Other lengths available with extended delivery time.

8. Special executions.

- Internal reinforcement: out of profiled steel sheet, thickness 2mm, Sendzimir galvanized 270g/m² for both sides.