



Test data sheet

BASWA DTG acoustic system

Technical and test information

General BASWA acoustic uses independent third party labs to perform testing. Full report summaries are available. For further information about BASWA products, systems, or safety data, refer to the BASWA product data sheets, system data sheets, and safety data sheets.

Fire rating Class A fire rated per ASTM E84

Mold and mildew Rated 10 / 10, signifying no mold growth per ASTM D 3273-16

Light reflectance Light Reflectance L Value of 89.6 per the ASTM E 1477-98

Adhesive bond Tensile strength of 106 psf per ASTM D897

Thermal conductivity	Thickness	λ (W / m C)	U (W / m ² K)	R (m ² K / W)
	30 mm	0.045	1.40	0.73

VOC content ≤ 0.5 mg/m³ , Passing CA Dept. of Public Health CDPH/EHLB/Standard Method Vers 1.2, 2017 USGBC LEED Version 4, BD&C, ID&C
The WELL Building Standard
ANSI/GBI 01, Green Building Assessment Protocolz
ANSI/ASHRAE/USGBC/IES Standard 189.

Sustainability data LEED, WELL, LBC, and HPD documentation available. For sustainability information about BASWA systems and products refer to BASWA sustainability data sheets.

Disclaimer Due to widely varying application conditions, a guarantee for installed materials cannot be reliant on this information. Product specifications are subject to change without notice. All rights reserved. Changes, reprints and copies, as well as electronic, reproduction, even in excerpts, require the explicit permission from BASWA acoustic North America.

BASWA DTG Prime Base

E Mounting ASTM C423

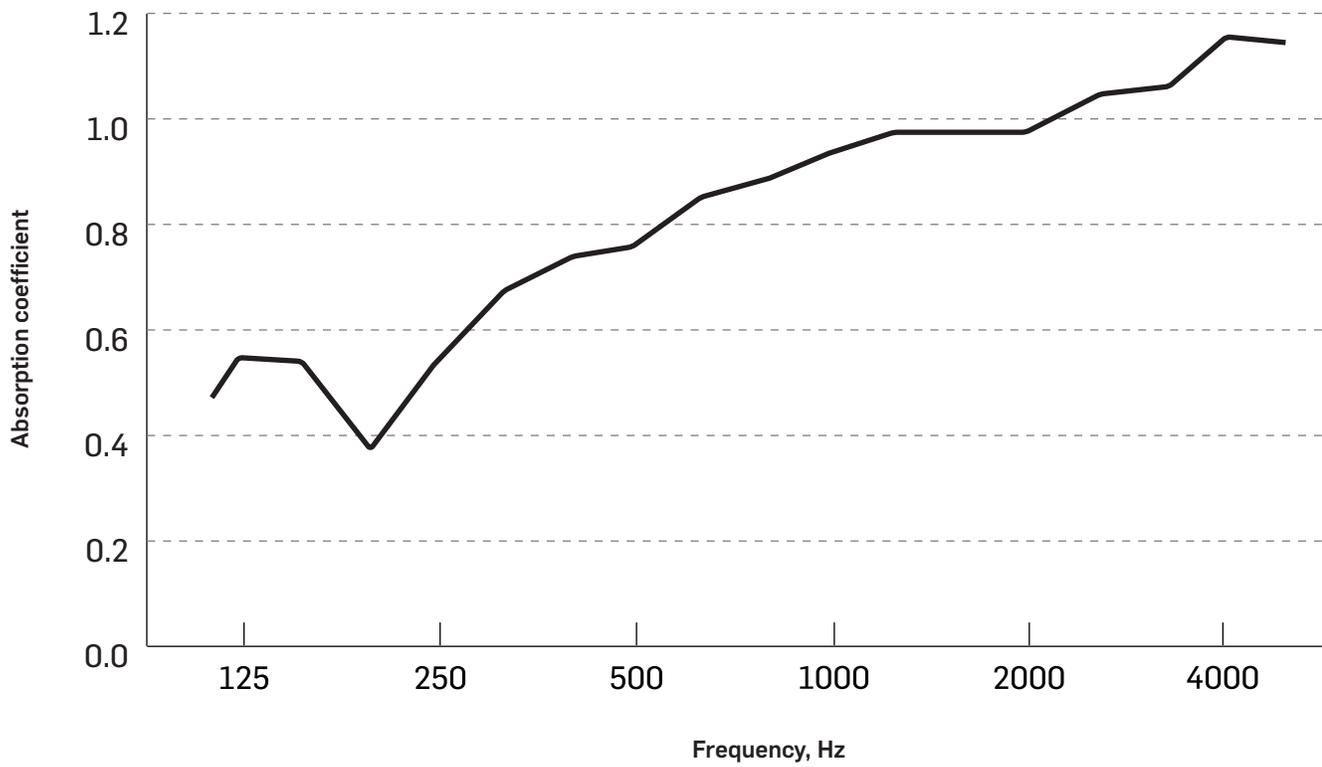
System with plenum. Typical installed conditions.

NRC rating 30 mm 0.80

SAA rating 30 mm 0.80

Frequency absorption

	Frequency, Hz																	
30 mm	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
	0.45	0.55	0.53	0.36	0.52	0.65	0.72	0.76	0.83	0.88	0.92	0.98	0.98	0.98	1.03	1.05	1.14	1.13



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BASWA DTG Prime Frost

E Mounting ASTM C423

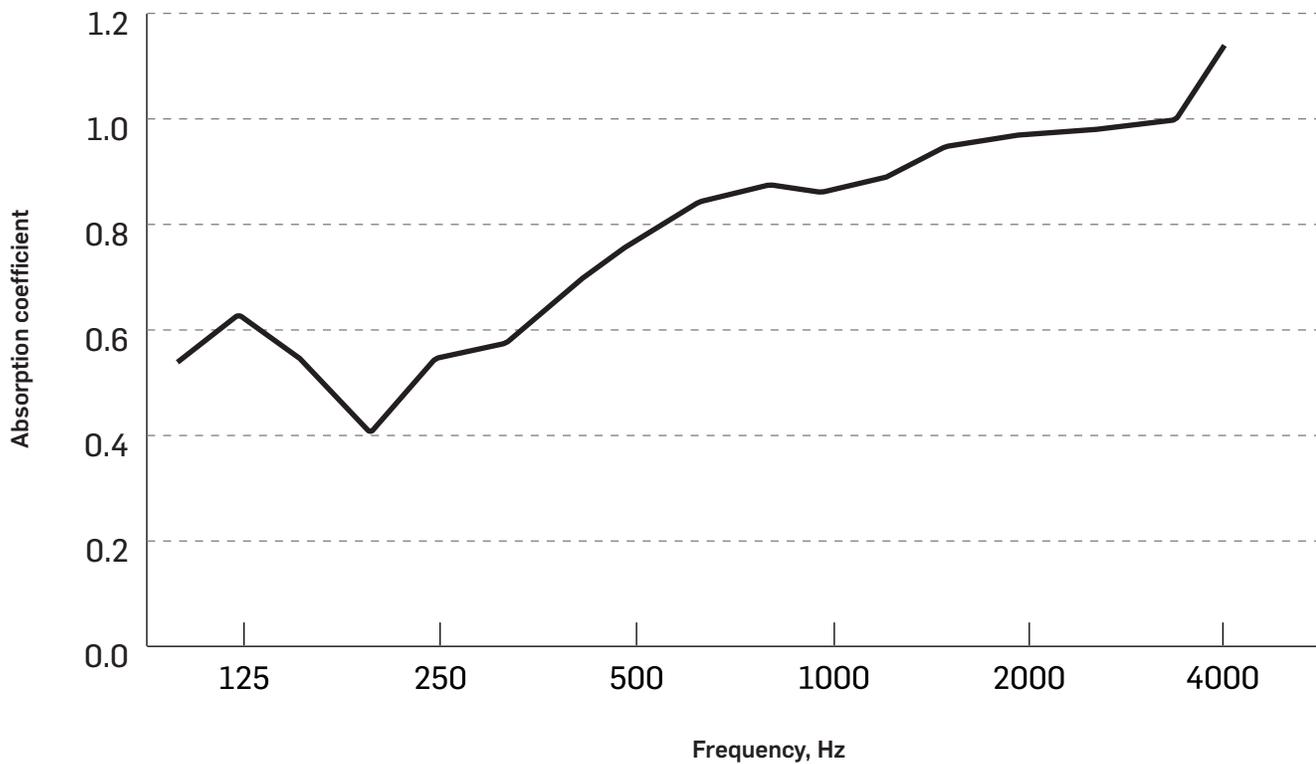
System with plenum. Typical installed conditions.

NRC rating 30 mm 0.75

SAA rating 30 mm 0.78

Frequency absorption

	Frequency, Hz																	
40 mm	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
	0.52	0.61	0.53	0.40	0.53	0.58	0.68	0.74	0.82	0.85	0.82	0.87	0.95	0.96	0.97	0.98	1.00	1.14



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