

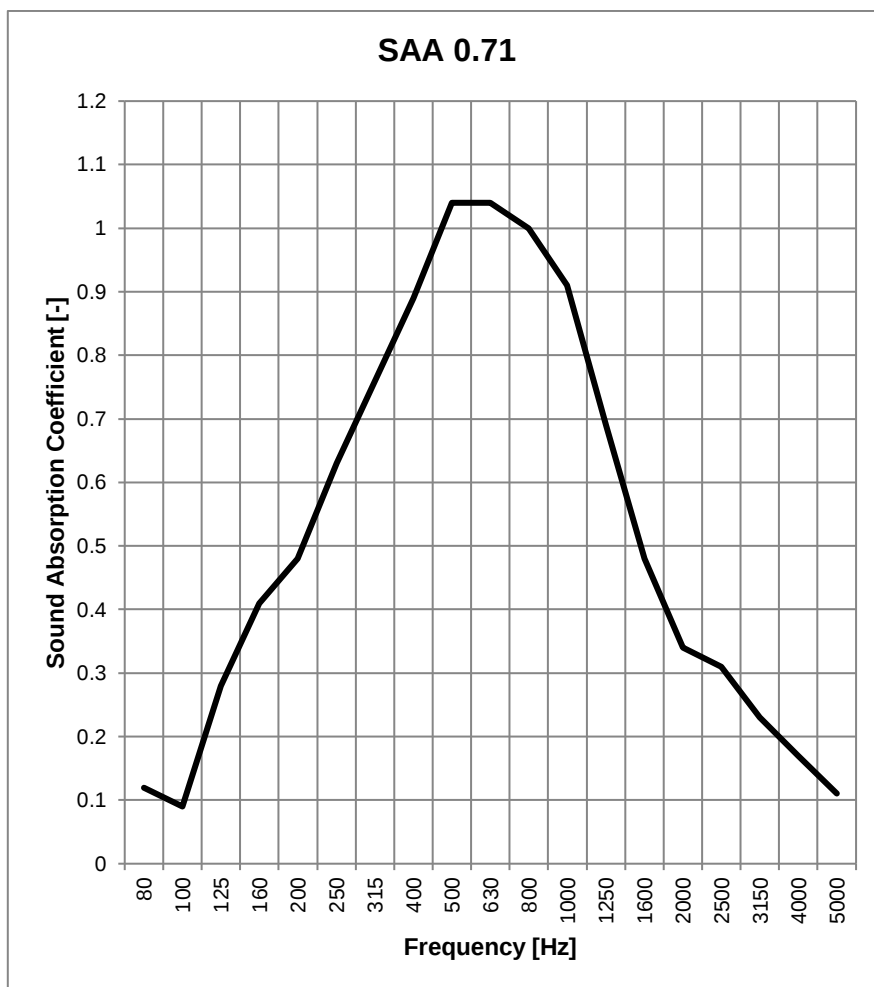
## ASTM C423 Test Results – Sound Absorption

**Client:** Accuform Metal Ltd.  
**Specimen ID:** A1-021792-01A

**Test ID:** ABA-23-002  
**Date of Test:** 16 March 2023

| Specimen Area (m <sup>2</sup> ) | Room Volume (m <sup>3</sup> ) | Temperature (°C) | Humidity (%) | Atmospheric Pressure (kPa) |
|---------------------------------|-------------------------------|------------------|--------------|----------------------------|
| 6.68                            | 251.7                         | 20.6 to 20.8     | 53.7 to 55.0 | 100.3                      |

| Frequency [Hz] | Sound Absorption Coefficient [-] |
|----------------|----------------------------------|
| 80             | 0.12                             |
| 100            | 0.09                             |
| 125            | 0.28                             |
| 160            | 0.41                             |
| 200            | 0.48                             |
| 250            | 0.63                             |
| 315            | 0.76                             |
| 400            | 0.89                             |
| 500            | 1.04                             |
| 630            | 1.04                             |
| 800            | 1.00                             |
| 1000           | 0.91                             |
| 1250           | 0.69                             |
| 1600           | 0.48                             |
| 2000           | 0.34                             |
| 2500           | 0.31                             |
| 3150           | 0.23                             |
| 4000           | 0.17                             |
| 5000           | 0.11                             |
| <b>SAA</b>     | <b>0.71</b>                      |
| <b>NRC</b>     | <b>0.75</b>                      |



**In the graph:** The solid line is the measured sound absorption coefficient calculated for this specimen according to ASTM C423-2.

**In the table:** SAA is the Sound Absorption Average, and NRC is the Noise Reduction Coefficient, as defined in ASTM C423-22.

The sound absorption measurements were conducted in accordance with the requirements of ASTM C423-22, "Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method."

The results in this report apply only to the specimen that was tested. NRC does not represent that the results in this report apply to any other specimen.