

Acoustic- Small Task Group

Draft Scope

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Task Members:

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Recommendation:

Task group recommends moving forward with developing an acoustic standard.

Reasoning:

- Key word search on quiet, related to quiet claims on hardware, showed a number of manufacturers making the claims with no background on how it's applied.
- Observed shift in new construction specifically addressing elements such as sustainability, energy and acoustics- addressing value propositions to the customer.
- Other industries close to BHMA have been responsive in addressing these new construction elements (i.e. healthcare)
- BHMA should be proactive in creating the standard before someone else does (i.e. ligature resistance).

Draft Scope

1.1 This Standard establishes methods for defining levels of acoustic performance for various types of architectural hardware whose non-acoustic performance aspects are described in the applicable BHMA product Standards. This Standard considers all sound generated by the product during operation including, but not limited to, mechanical and electrical. This standard applies to both commercial and residential products.

1.2 This standard provides for component level certifications. Products certified to this standard must first be listed to an applicable BHMA standard before certification to this standard can be complete.

1.3 *(Additional or modified language to be considered at a later date)*. Different product types and functions found within an architectural hardware product family must be evaluated, tested, and listed independently. The manufacturer is permitted to request a waiver of all, or a portion, of the tests by presenting an engineering analysis demonstrating that the architectural hardware products sound generating qualities are less than or equivalent to a currently certified product. Evaluations are limited to products within the same ANSI/BHMA product category (i.e. A156.3 product cannot be used to evaluate A156.2 product). The analysis must clearly document that the hardware design is undistinguishable and operates the same. The Nationally Recognized Testing Laboratory responsible for the certification program must agree with the analysis and any justification must be documented in the lab report.

1.4 Tests described in this Standard are performed under laboratory conditions. In actual usage, results vary because on installation, door and frame construction, maintenance, and other environmental conditions.

Additional recommendations and Actions

- Small task group is recommending that this not be released for standard development work at the subcommittee level at this time.
- Group has identified potential SEMs whom they would like to seek input and perspective from before moving forward (i.e. considerations, scope,...)
- BHMA staff to contact identified SEM's
- Scope needs additional work – identifying and including specific levels of “customer” the standard addresses.