

25 July 2023

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BPIR Ready - Supplier Seminars Session 2

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Session 2 - Establishing clear guidelines for scope and limitations of use and NZBC requirements

- Review on Session 1
- Continue with developing your BPIR Disclosure document
 - Overview on developing a technical performance summary
 - Using BPIR Ready to develop
 - Building Code performance reference
 - Scope of Use
 - Limitations of Use
 - Referencing documents

Session 1 - Review

- 11 December deadline
- BPIR does not prescribe document name or structure
- Determine a “source of truth”
- Feedback on “contact details of manufacturer” - Session 3
- Feedback on inclusion/exclusion
 - products@mbie.govt.nz
- BPIR Ready software prep
 - Product description/Class/category

Session 2 - BPIR - Technical Performance summary

- BPIR requires summary of where the product can be used, limitations of use and evidence supporting building code compliance
 - Building Code & building products - an overview
 - Establishing scope and conditions of use for specific building products
 - Understanding Building Code performance and providing evidence of compliance
 - Documentation supporting claims

Building Products and the Building Code

- The New Zealand Building Code (NZBC) is performance based, i.e. it prescribes outcomes required from buildings not inputs or processes and sets the “standard” for building work (and hence the buildings)
- Except in a few circumstances it does not directly regulate products
- Compliance for a product needs to be set in a context of building work

E.g. this floor complies when installed on the access route of a building and in areas where the floor is required to be impervious and easily cleaned

- The NZBC is generally expressed in qualitative terms e.g “adequate”, “sufficient”
- Need to look to acceptable solutions and verification methods and referenced standards for quantitative (i.e measurable) product performance

Evidence to support performance claims

- In general the evidence base needs to be referenced against each objective clause e.g B1 structure
- In most cases evidence is through assessment using:
 - acceptable solutions and any referenced standards,
 - testing using a verification method
 - professional opinion (which may be supported by tests)
 - international standards or compliance information (which may include an opinion as to relevancy of that standard to the NZBC)
- Needs to be of the product for which the performance is being claimed

Developing your Scope of Use

- Generally describes the “building work” for which the compliance claims are made (where relevant)
 - Part of building (e.g external wall, roof, floor, internal)
 - Building type (residential, commercial (clause A1 of the code sets up classified uses)
 - Performance requirements of the building in whole or part e.g. to NZS 3604 or claddings to E2/AS1
 - Building location (generally wind zones, seismic zones, exposure zones etc)
 - Design parameters (e.g pipe lengths)

Do you have Conditions/Limitations of Use?

- Generally other requirements imposed to ensure compliance
 - Constraints or requirements on the physical use of the product (e.g over a cavity)
 - Requirements to follow any design or installation manuals
 - Any competency requirements on designers or installers
 - Any other limits you make wish to make

e.g a floor material supplier may choose to limit to residential buildings if the floor system may not be optimal for heavy duty areas such as in a retail facility - will still comply but not as suitable for that use

Referencing technical documentation

- Typical documents to reference include; design and installation manuals, compliance evidence etc.
- If possible provide clear URL that takes direct to the documentation
- Format .pdf
- Versioning e.g V2, Rev3, March23 (have on front page) - having a version summary can improve usability
- Make sure consistent with your BPIR (descriptions, scopes of use etc)

Preparation for next week

Our objective is for you to draft your own disclosure document by 2 August.

By next Tuesday

1. Continue developing a disclosure document on BPIR.nz
2. Complete scope of use and performance requirements
3. Link documents

Need further assistance

If you have specific questions that relate to building code compliance and evidence of compliance please contact one of the following third party consultants:

<https://bpir.nz/professional-consultants/>