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Meeting the Updated Building Regulations (New Part L, F & O)

January 2023

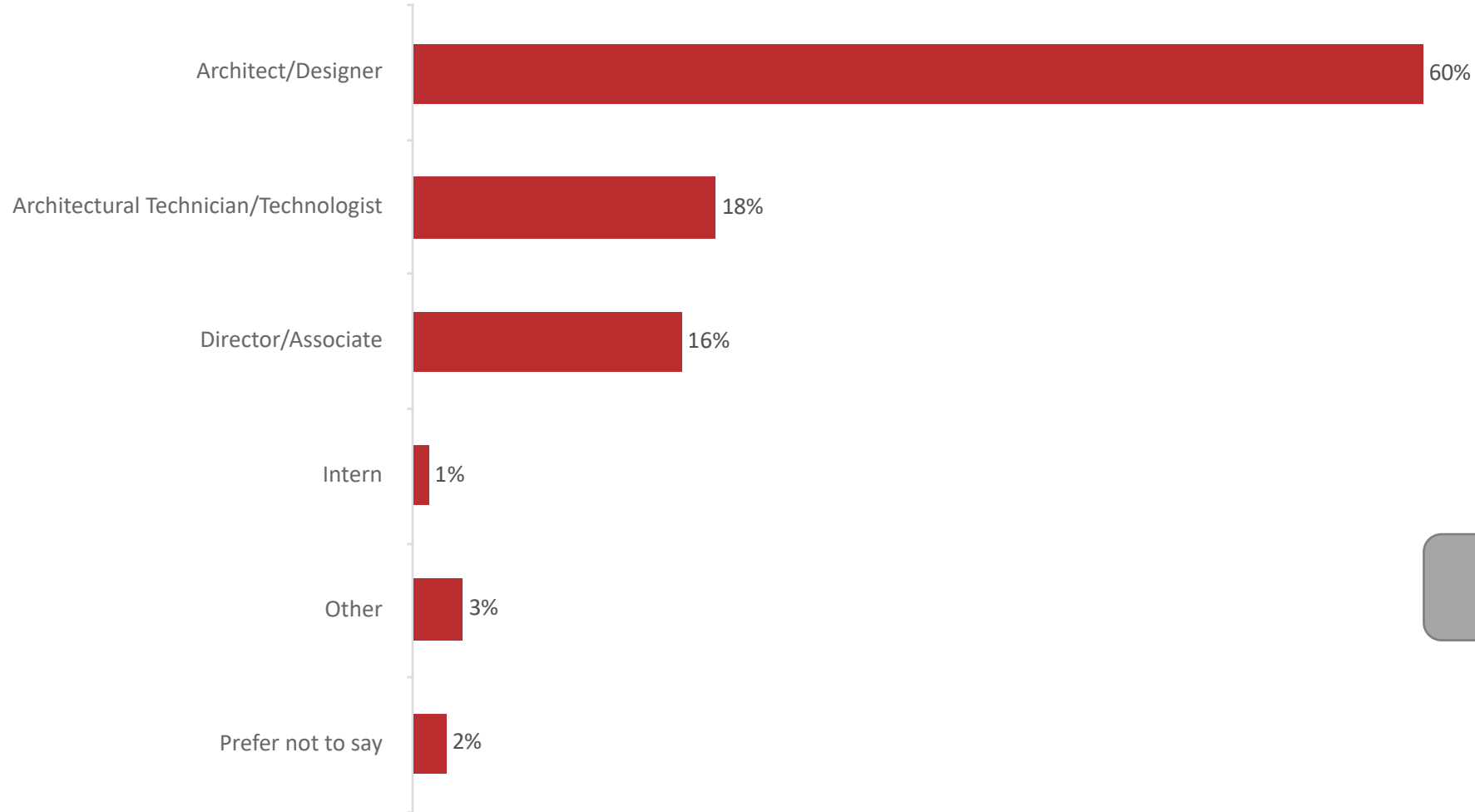


Project Specifications

- Mixed methodologies were utilised in the research: Online Survey & Telephone Interviews.
- Online Survey conducted by Edge Insight. The questionnaire link was sent out via targeted email & promoted via social media.
- Telephone interviews were conducted by BCC Telemarketing mirroring the Online Survey content & format In December 2022 amongst the audience of Architects Datafile Magazine to find out how readers are adapting to the 2021 changes to Parts L and F, and introduction of Part O, of the Building Regulations, and what practical solutions they are engaging in.
- 111 Respondents participated in the Survey.
- Respondents completing the Survey were offered entry into a quarterly Prize Draw to win a £250 Amazon voucher or donate £5 or £10 to CRASH.

PROFILE OF RESPONDENTS

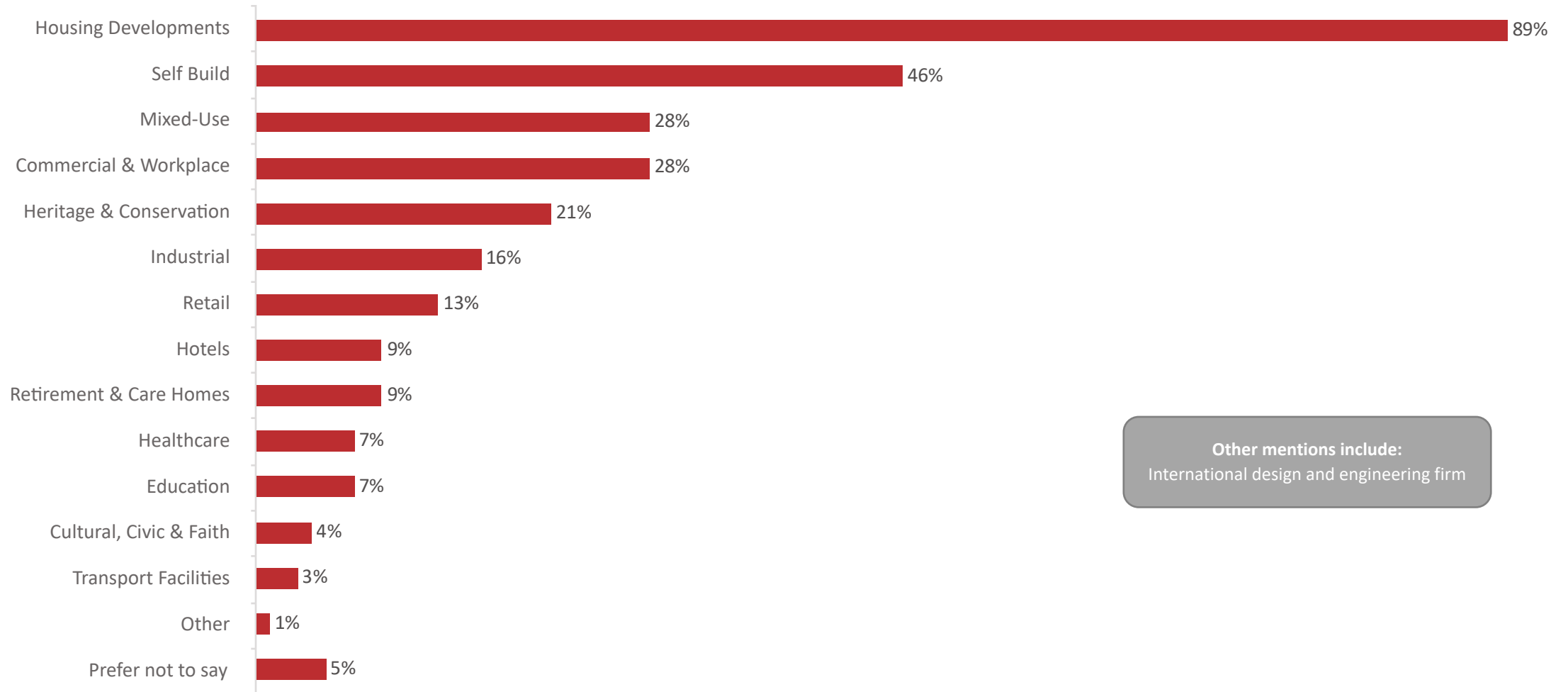
Job role



Other mentions include:
Design Manager, Engineer, Inventor

"Which of the following best describes your job role?"

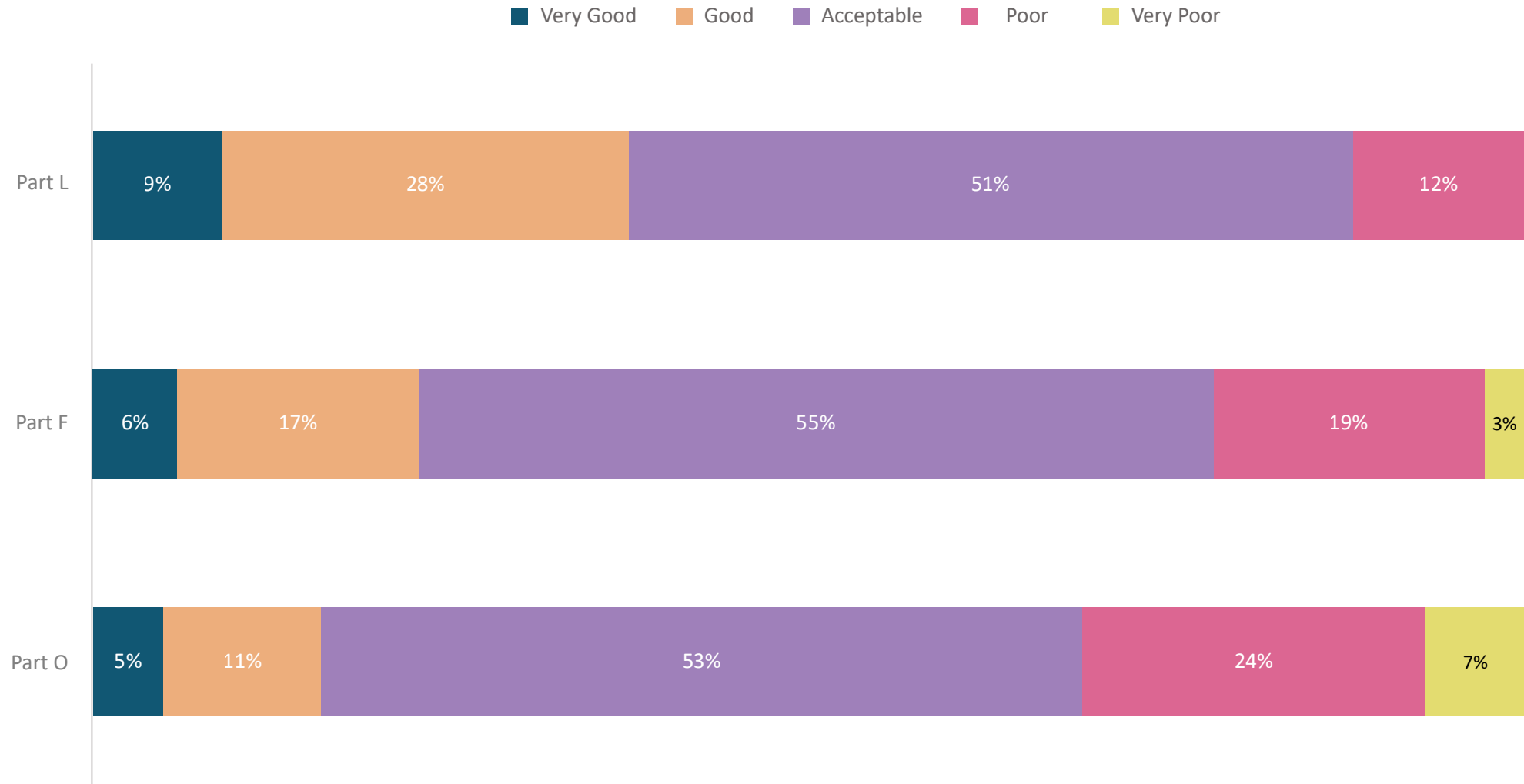
Applications organisations involved in



"What type of applications are your organisation generally involved in?"

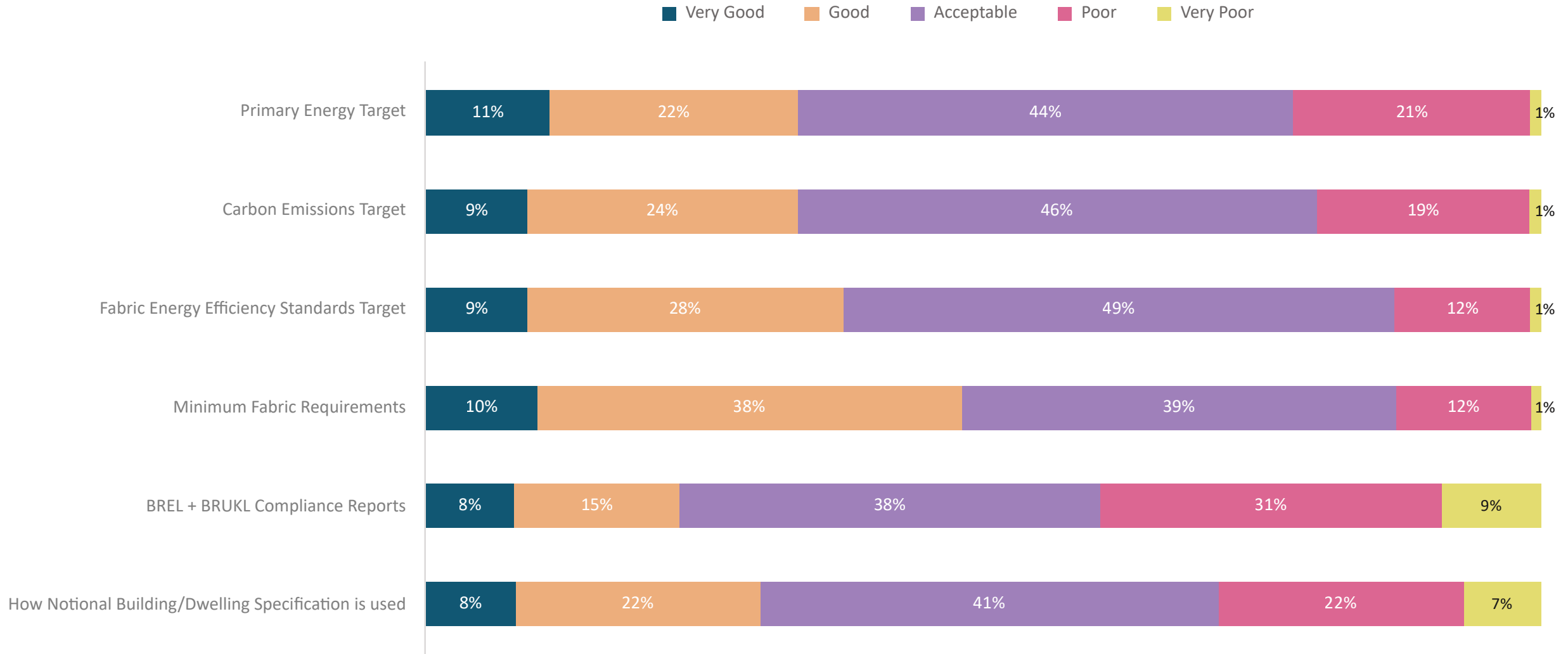
MAIN FINDINGS

Level of understanding of the new Part L, F & O 2021



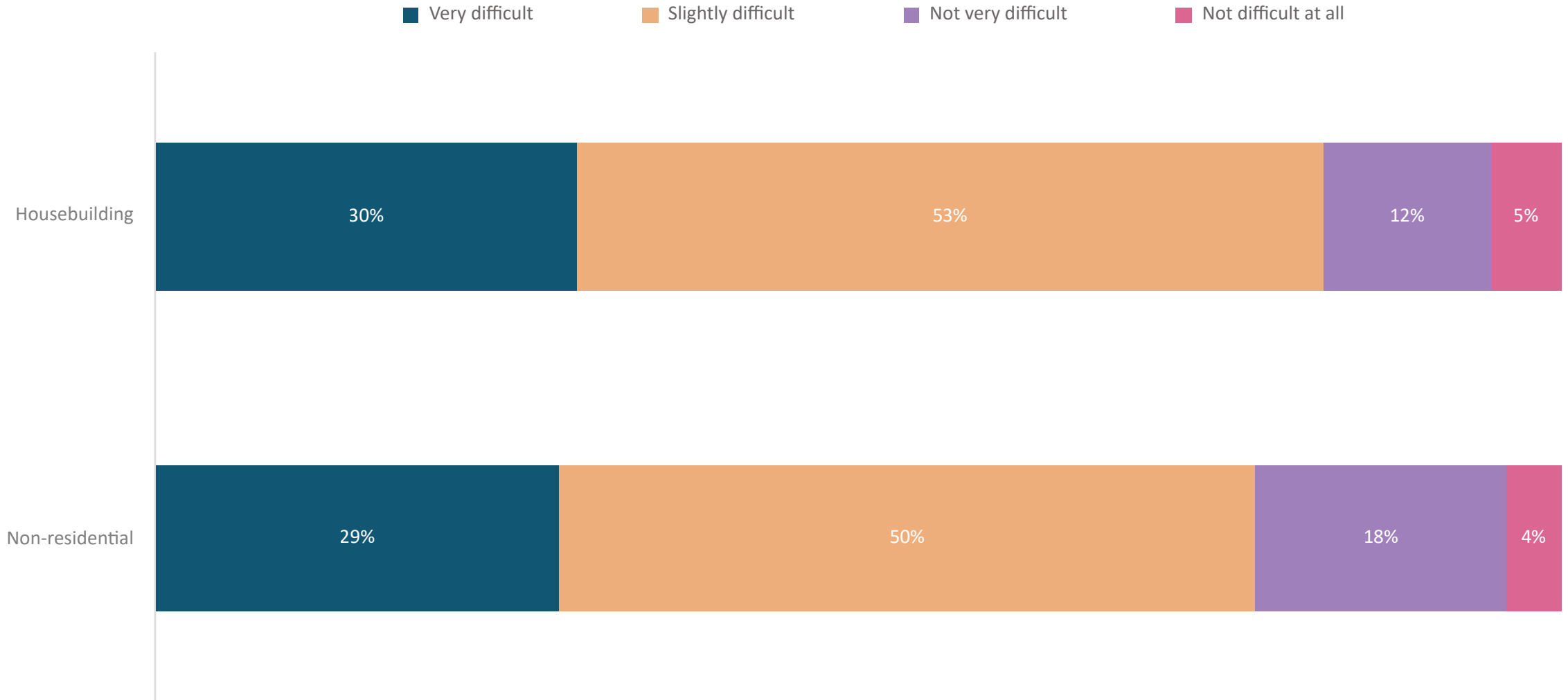
"How would you rate your understanding of the new Part L, F & O 2021 in England?"

Level of understanding of Part L



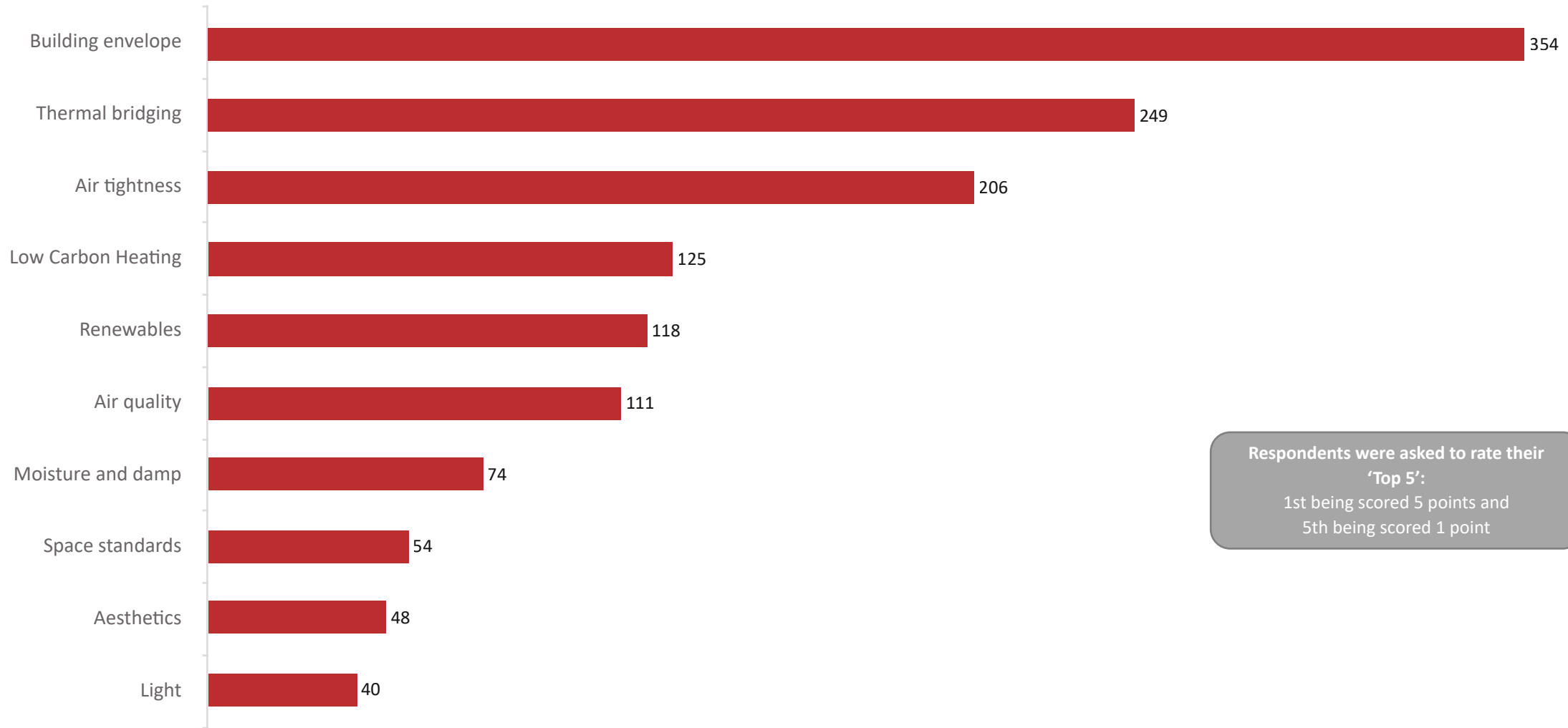
“How well do you understand the following areas of Part L?”

Difficulty in achieving the new Part L carbon emissions targets



"How difficult do you believe it will be to achieve the new carbon emissions targets in Part L 2021?"

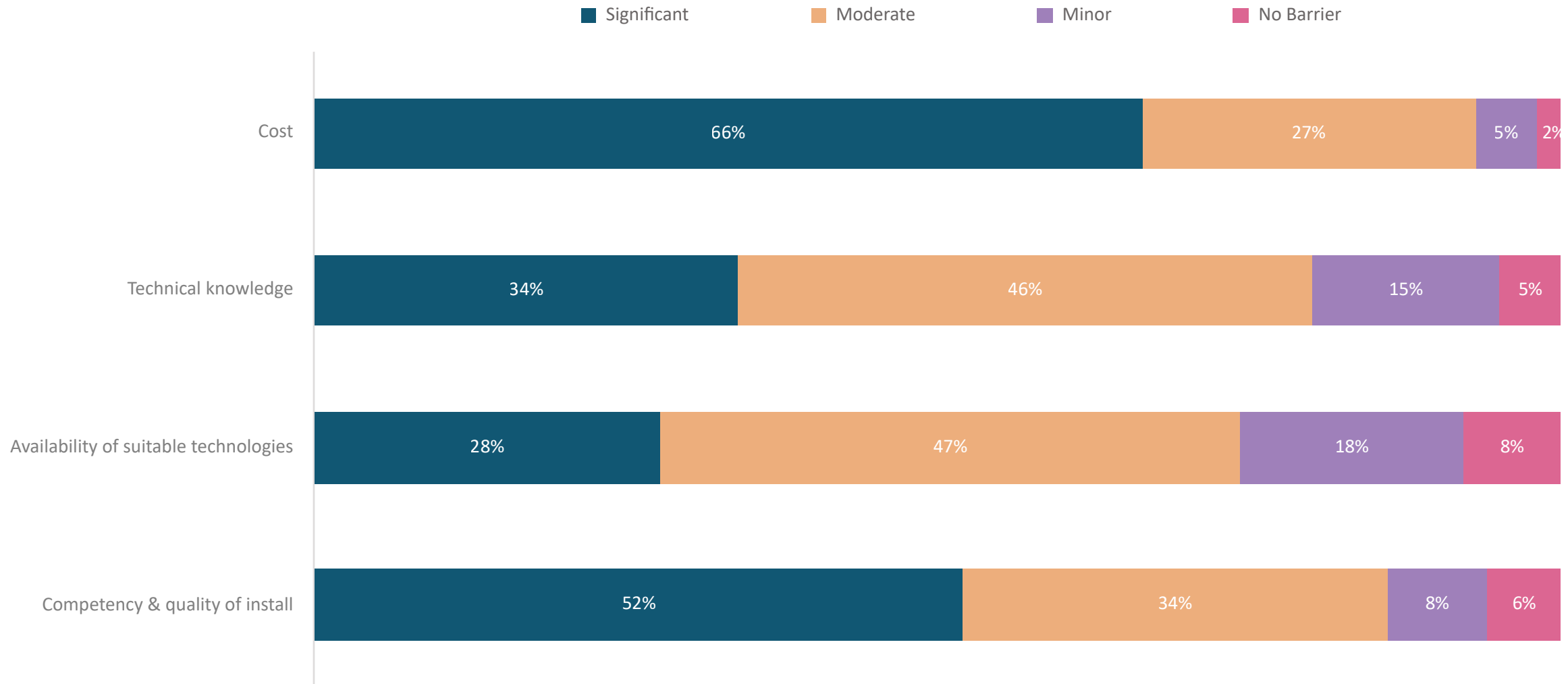
Key focus when designing to the new Part L in residential properties



Respondents were asked to rate their
'Top 5':
1st being scored 5 points and
5th being scored 1 point

"What are the most critical areas to focus on when designing to the new Part L in residential properties?"

Main barriers to achieving compliance with Part L 2021



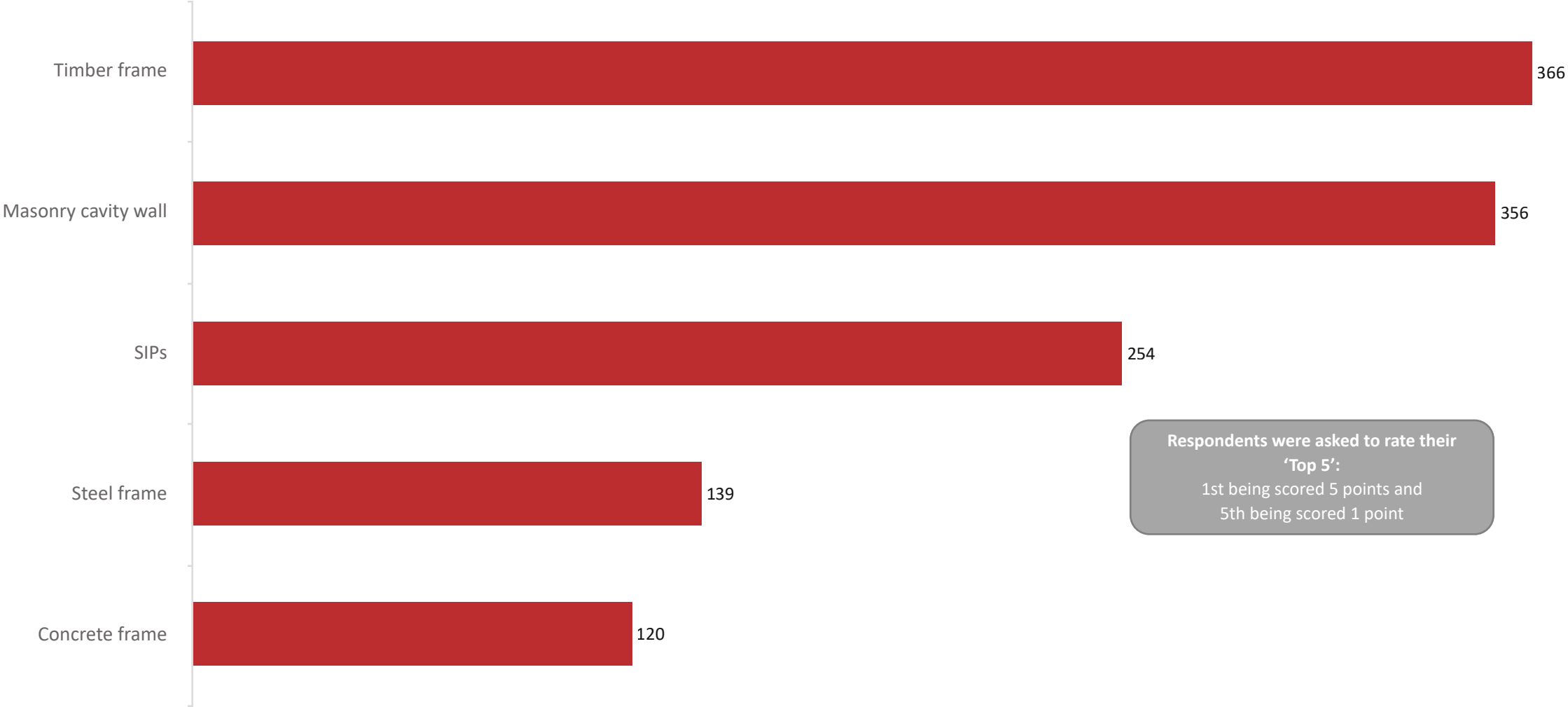
“What do you see as the main barriers to achieving compliance with Part L 2021?”

Main barriers for implementing low carbon heating to comply with Part L



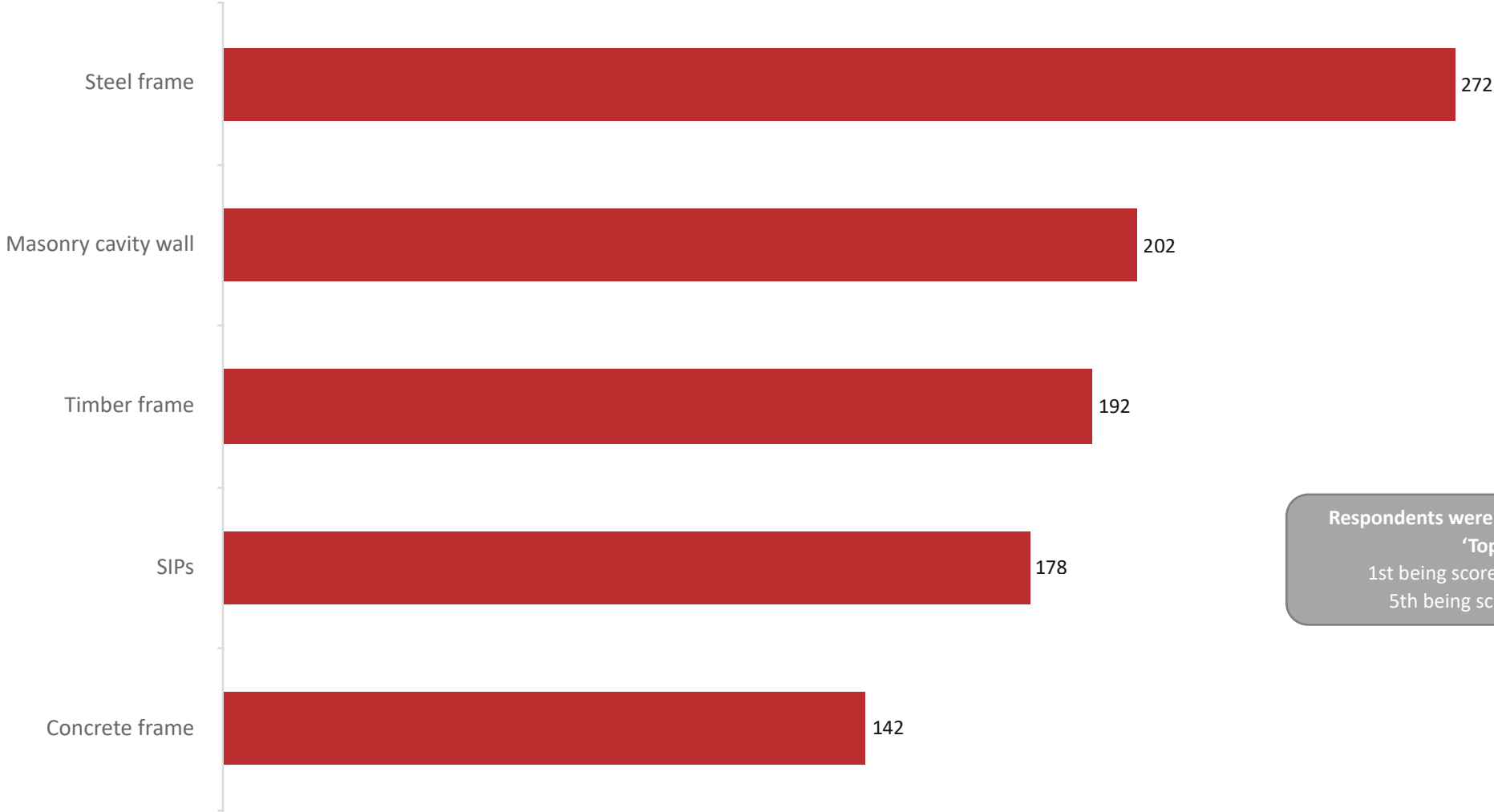
“What do you see as the barriers for implementing low carbon heating to comply with Part L?”

Likelihood of construction methods to meet the new Part L requirements for housebuilding



"How likely are you to use the following construction methods to meet the new Part L requirements for housebuilding?"

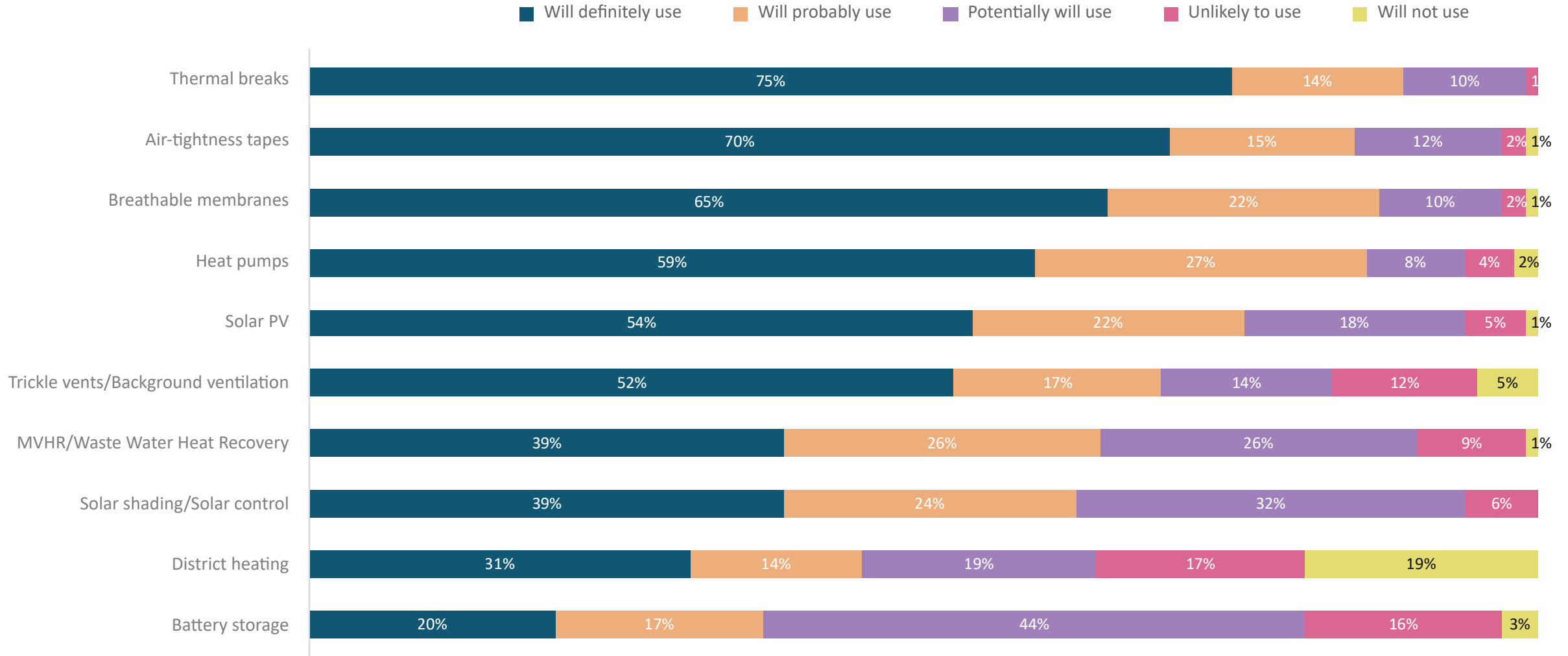
Likelihood of construction methods to meet the new Part L requirements for non-residential projects



Respondents were asked to rate their 'Top 5':
1st being scored 5 points and 5th being scored 1 point

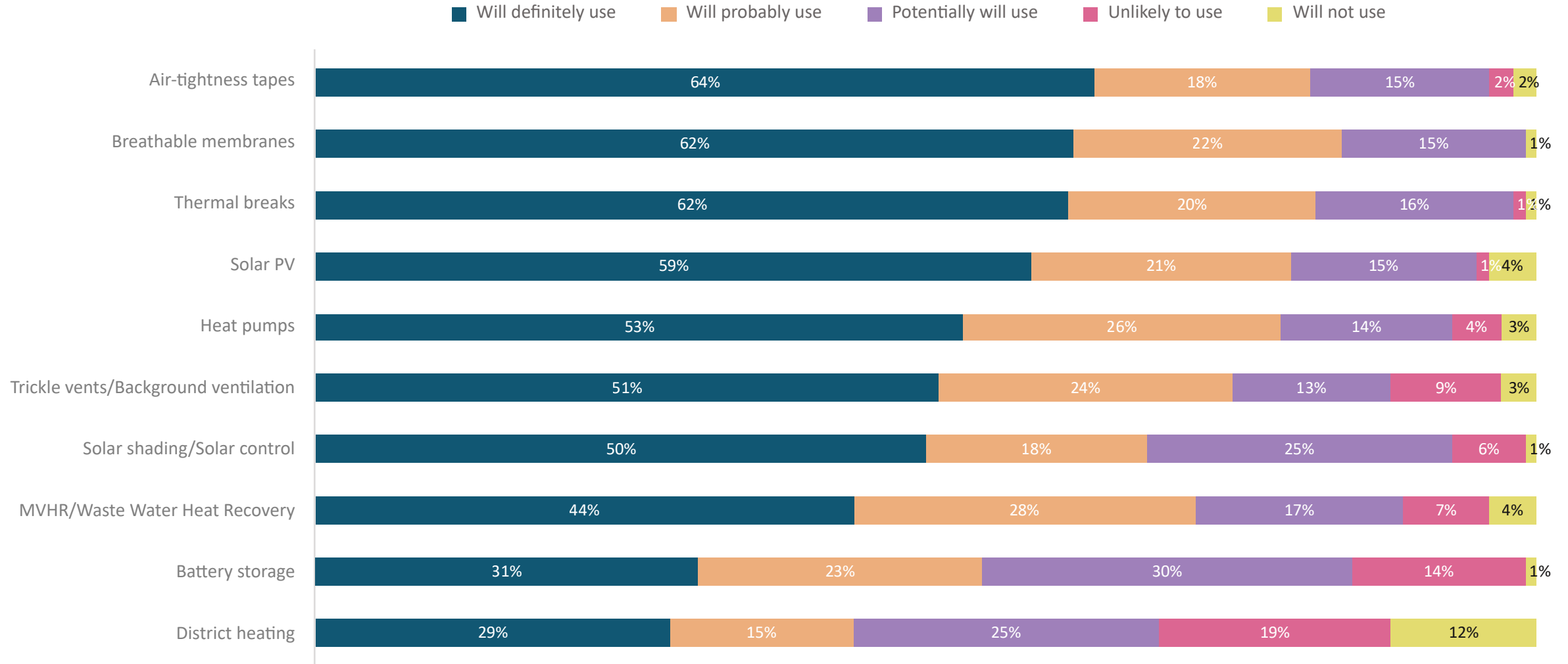
"How likely are you to use the following construction methods to meet the new Part L requirements for non-residential projects?"

Likelihood of using 'eco' technologies to meet the new requirements within Part L 2021 in residential projects



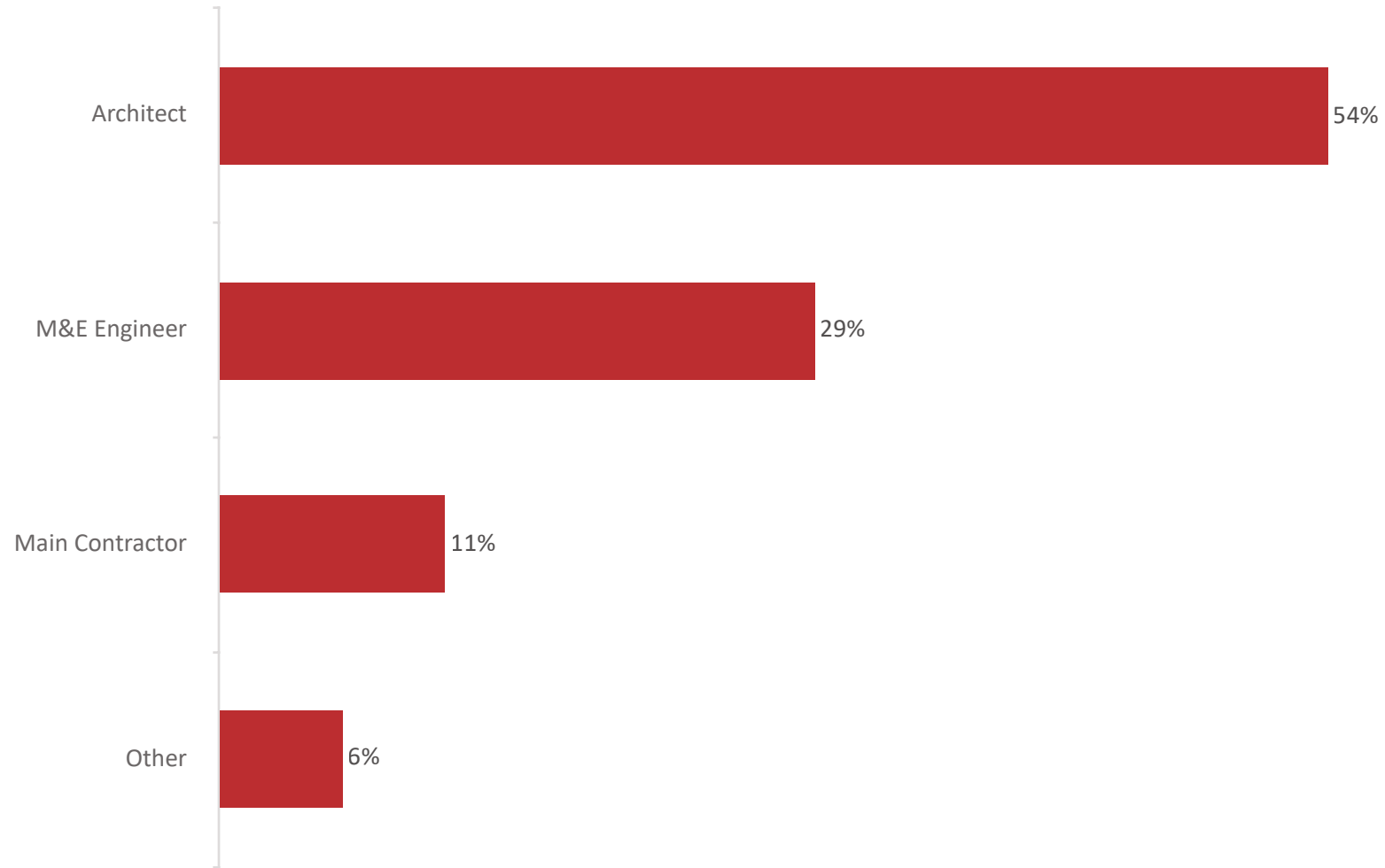
“What ‘eco’ technologies/approaches do you expect to use to meet the new requirements within Part L 2021 in domestic/residential projects?”

Likelihood to use 'eco' technologies to meet the new requirements within Part L 2021 in non-residential projects



“What ‘eco’ technologies/approaches do you expect to use to meet the new requirements within Part L 2021 in non-residential projects?”

Responsibility for compliance with Part F

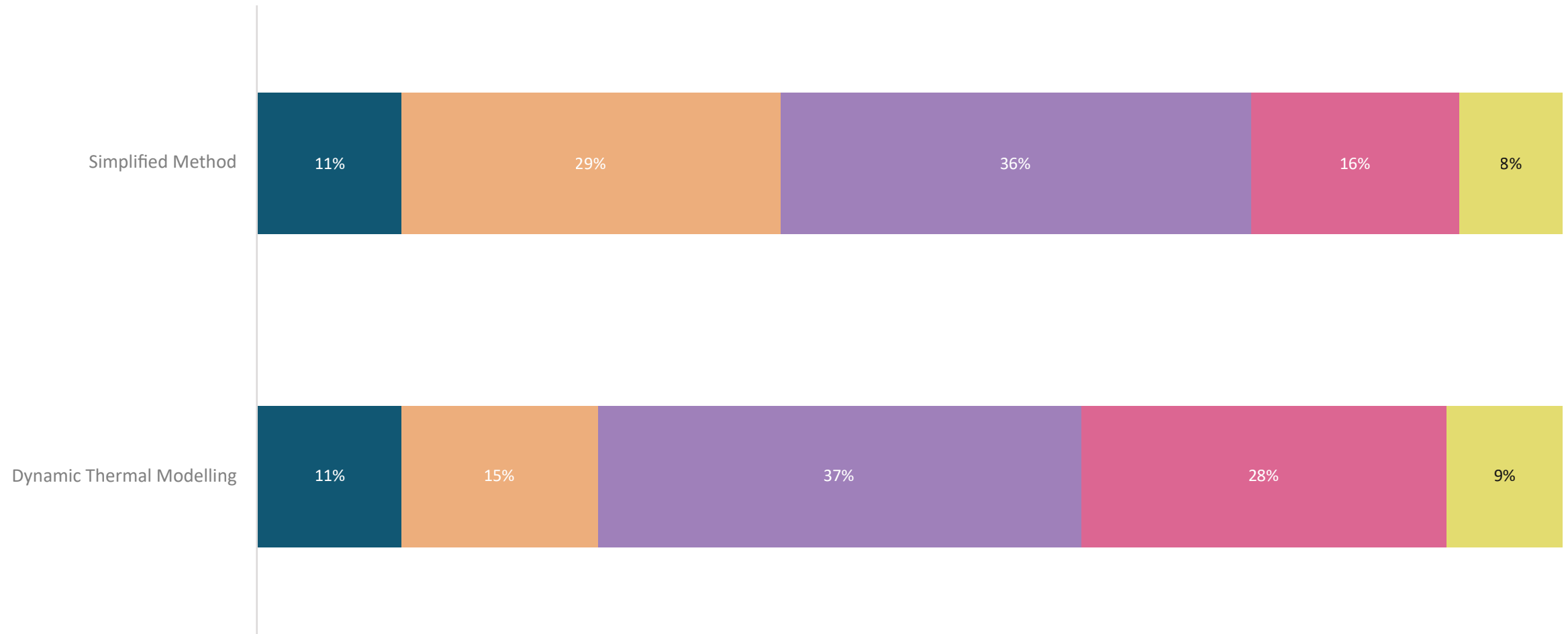


Other mentions include:
Architectural Technologist, Sub Engineer

"Who is generally responsible for compliance with Part F and its update in your projects?"

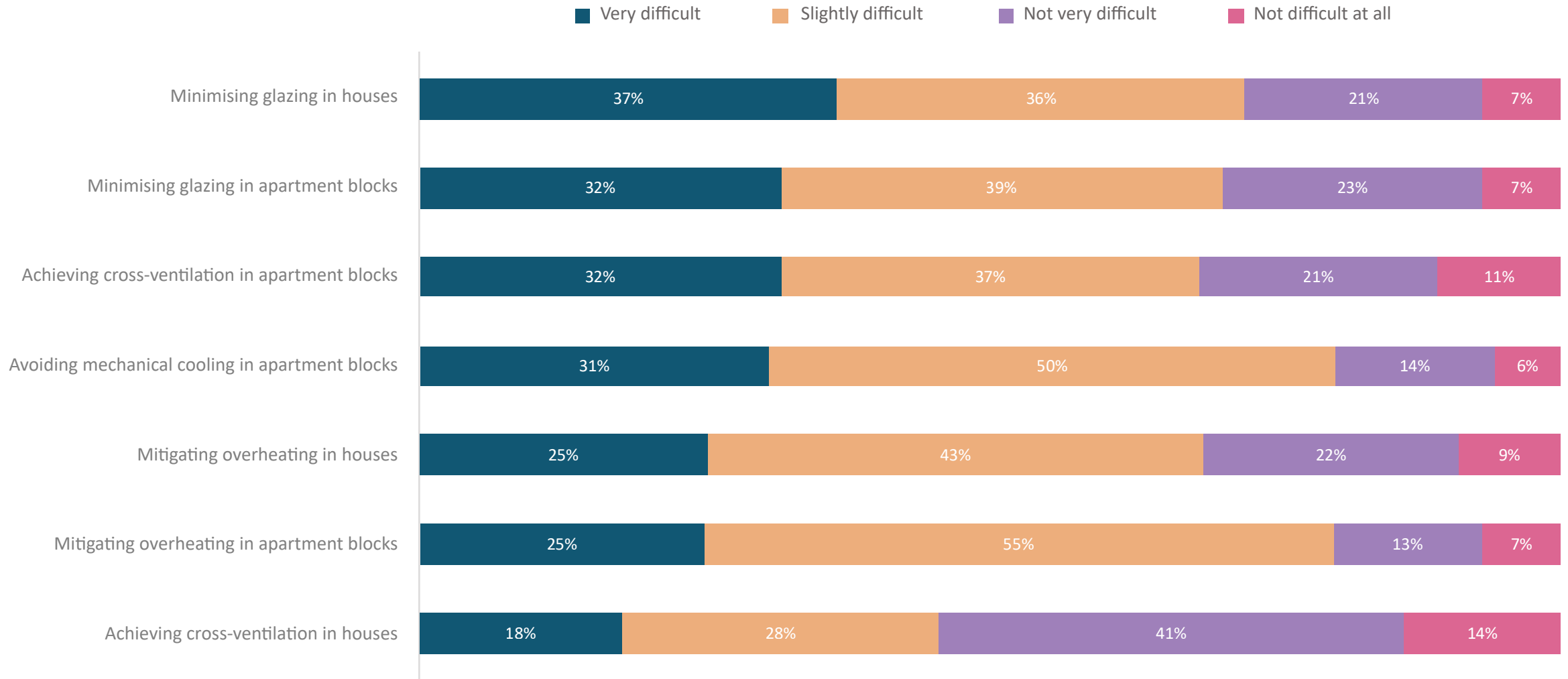
Frequency of using two approaches to assess overheating

Always Frequently Occasionally Rarely Never



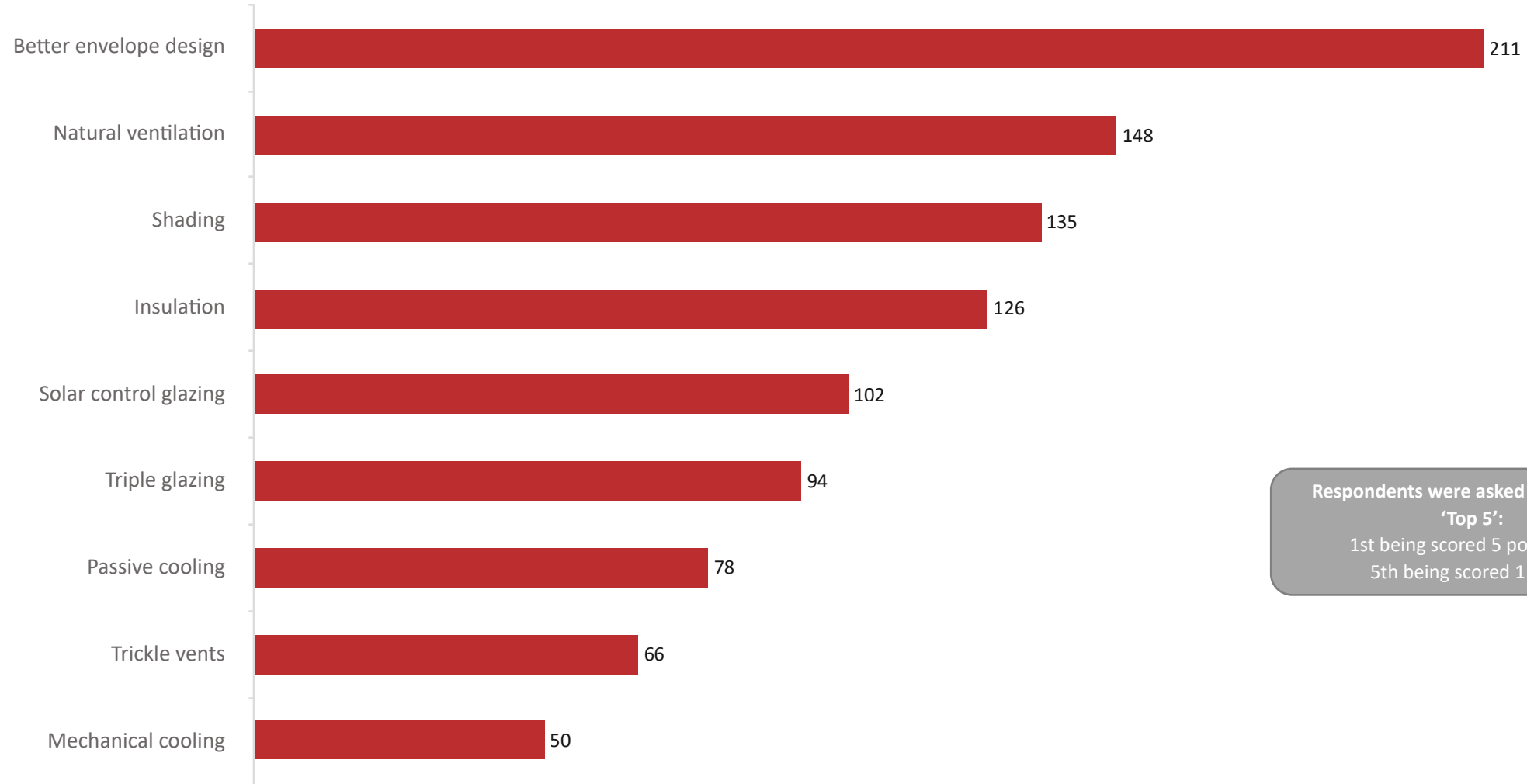
"How often do you expect to use the two suggested approaches to assessing overheating?"

Difficulty to follow Part O – related goals in residential design



“How challenging do you believe the following Part O-related goals will be in residential designs?”

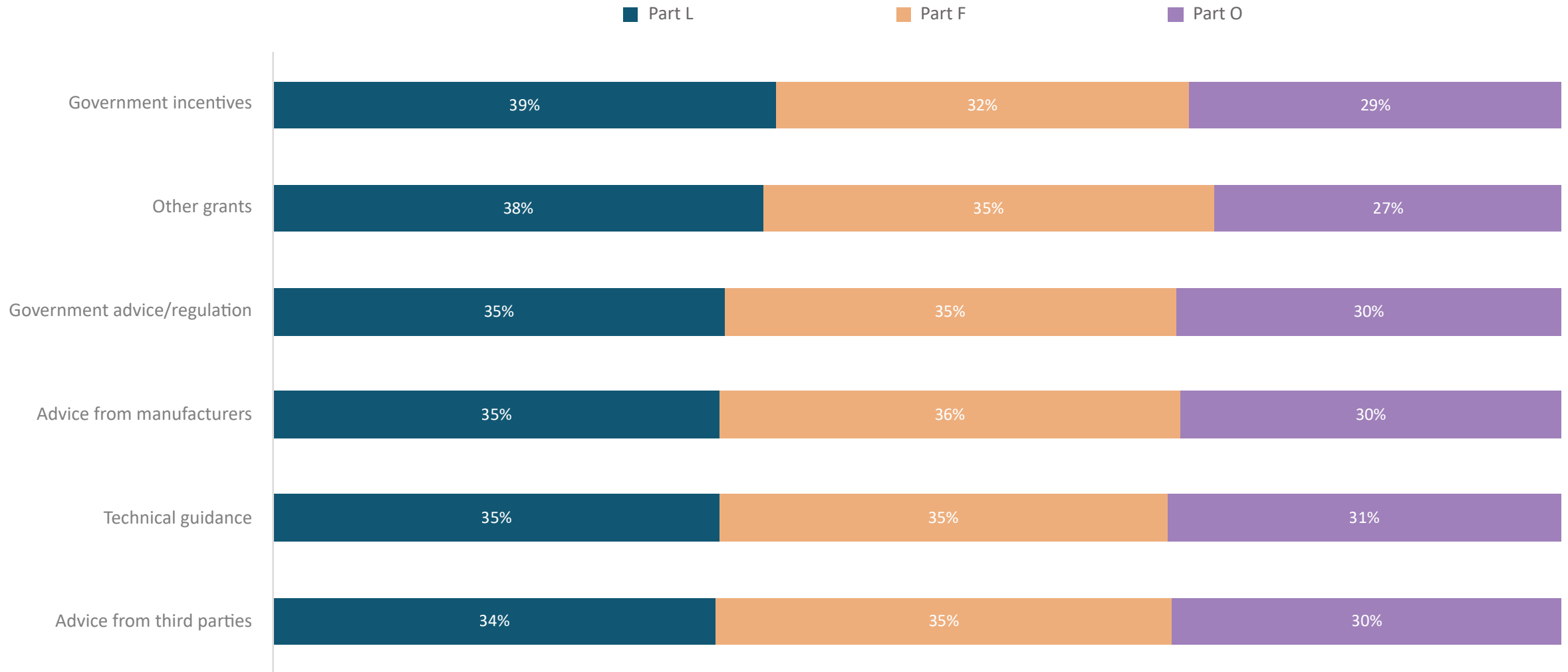
Most important solutions to minimise overheating to meet Part O



Respondents were asked to rate their 'Top 5':
1st being scored 5 points and
5th being scored 1 point

"What are the most important solutions you are looking at using to minimise overheating to meet new Part O?"

Help needed in meeting compliance with Parts L, F & O



“What additional help do you need in meeting compliance with Parts L, F & O?”



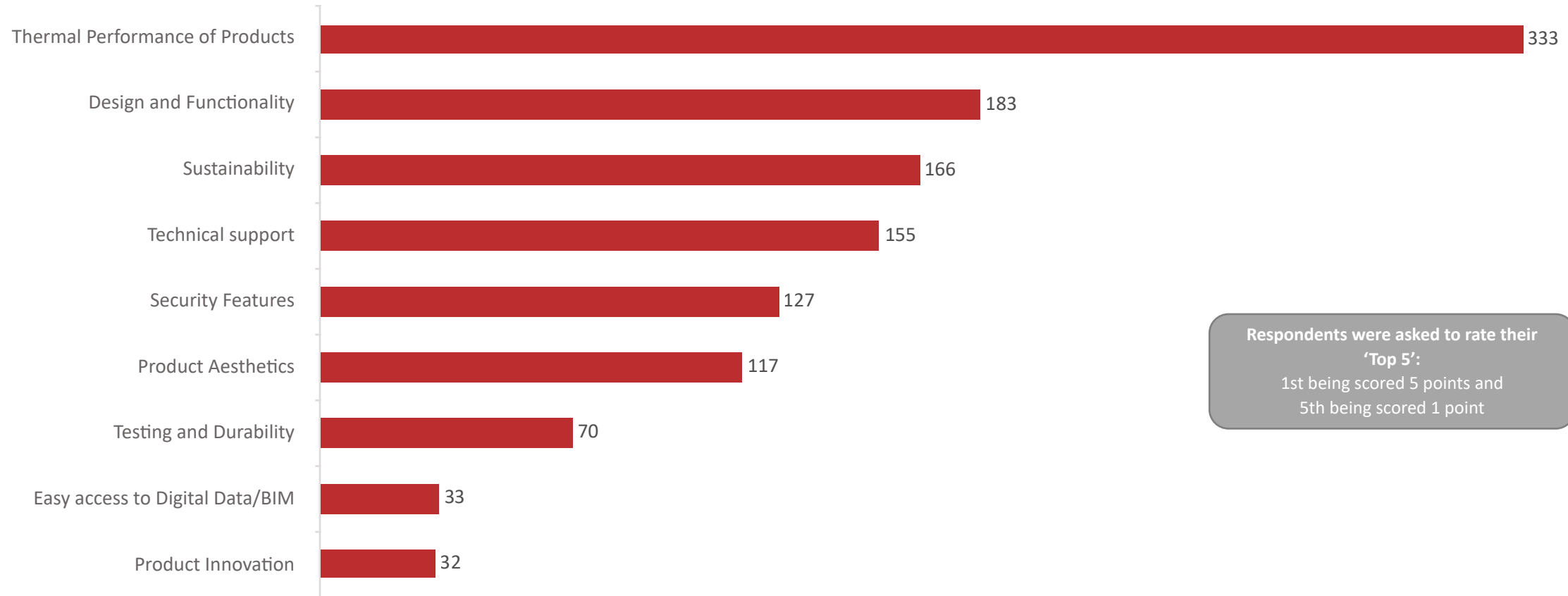
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Most important criteria when choosing door, window or curtain wall supplier



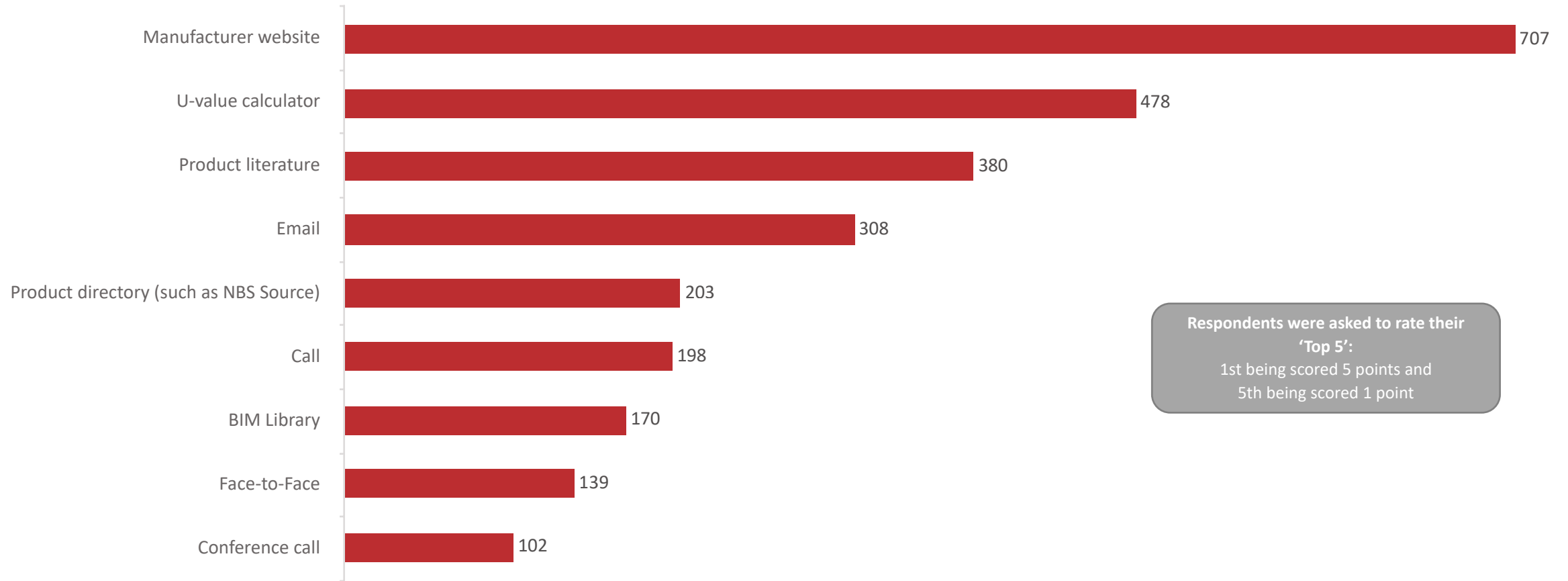
Most important criteria when choosing door, window or curtain wall supplier



"What are the most important criteria when choosing a door, window or curtain wall supplier?"

Preferred information channel about insulation products

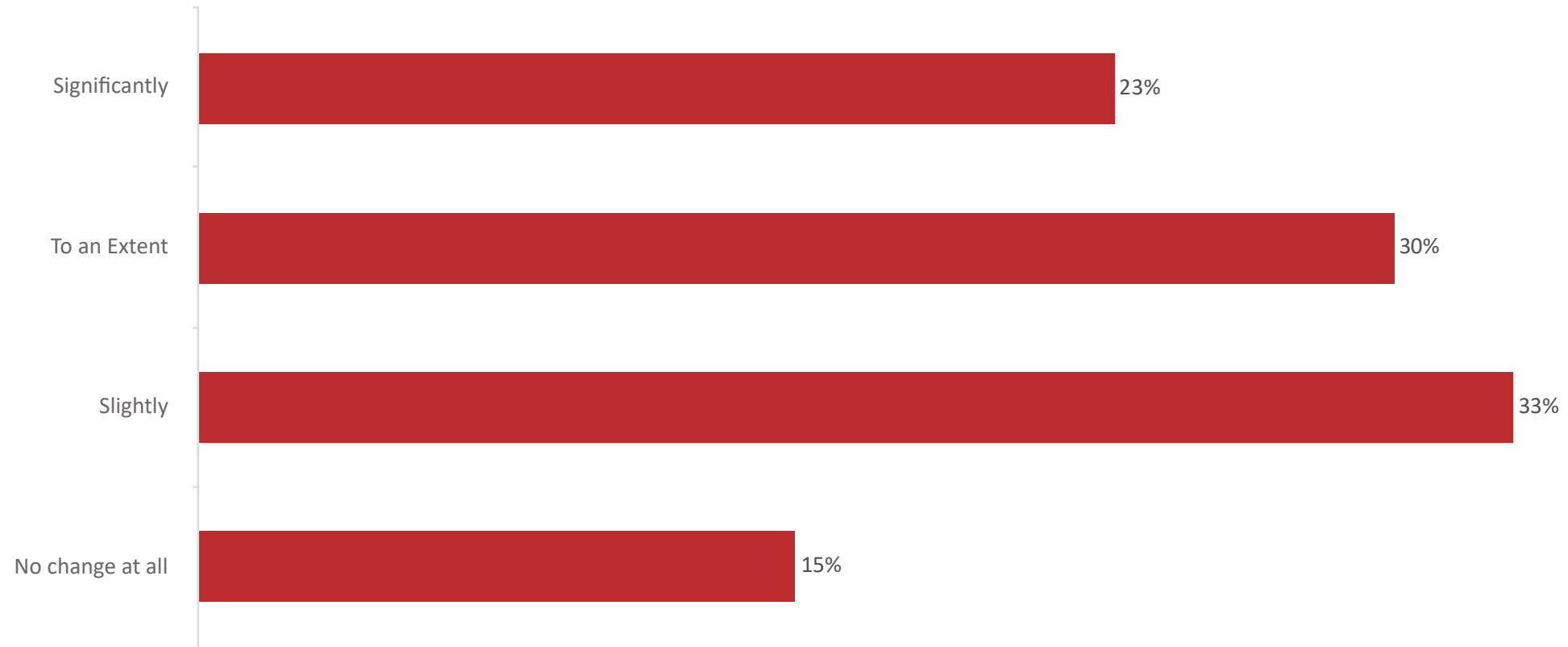
Preferred information channel about insulation products



"How do you prefer to receive or access information about the insulation products you specify?"

How much has Part O altered the approach towards residential home design and specifically to the glazing specification

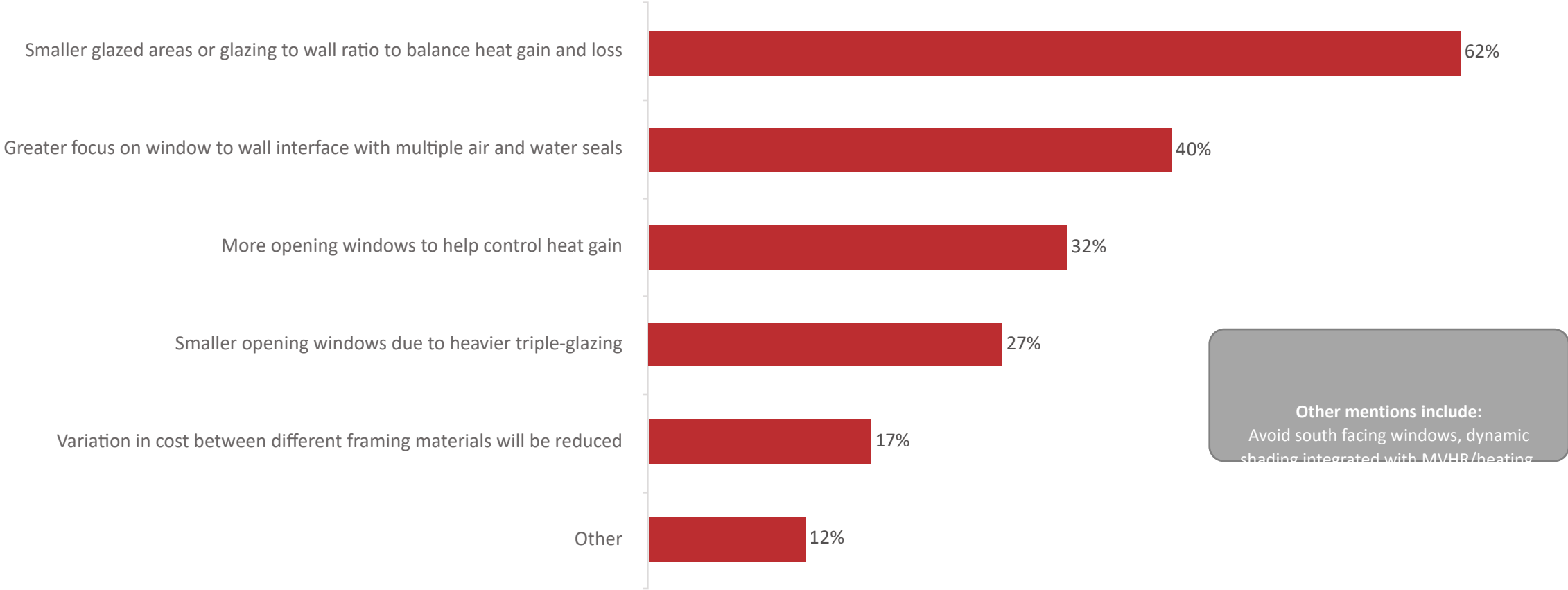
How much has Part O altered the approach towards residential home design and specifically to the glazing specification



"How much has the introduction of Part O altered your approach towards residential home design and specifically to the glazing specification?"

Impact of revised Building regulation and future zero carbon homes on the design of glazing for new-build housing

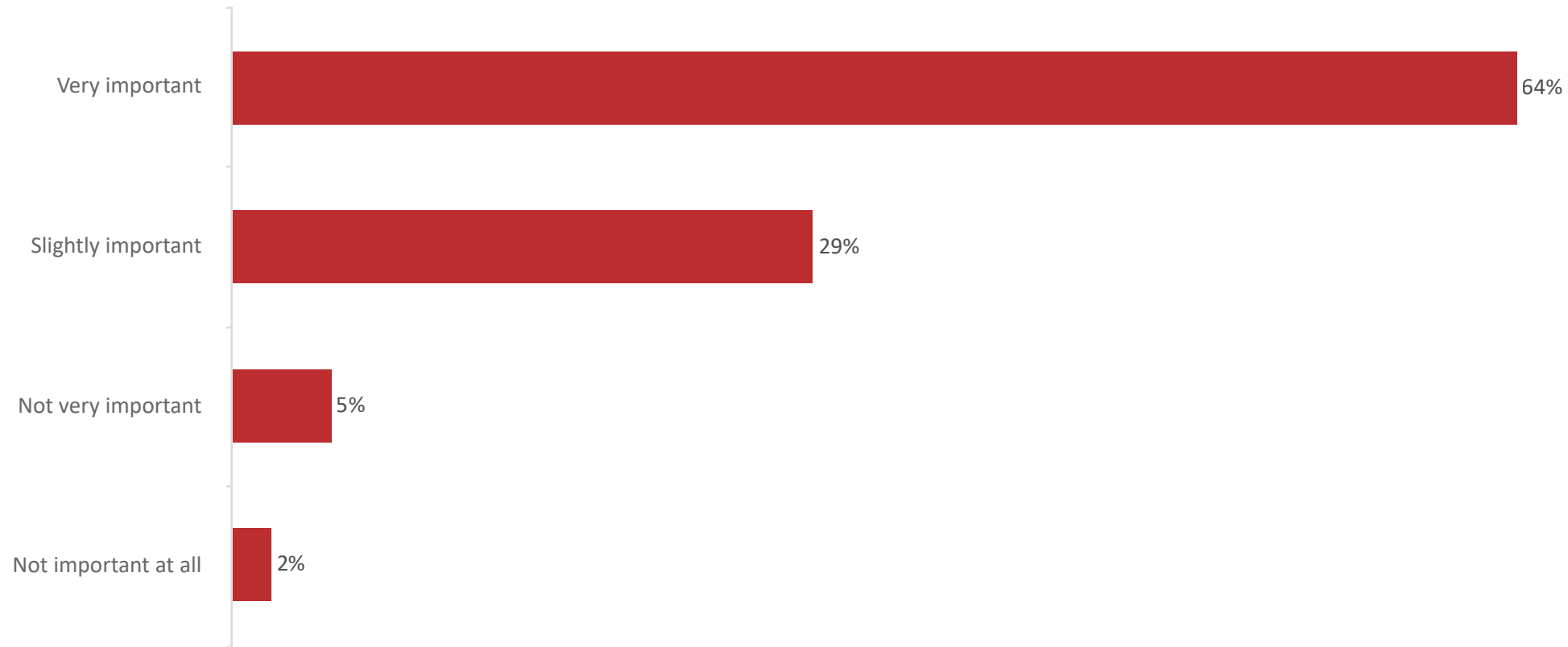
Impact of revised Building regulation and future zero carbon homes on the design of glazing for new-build housing



“How do you think revised Building regulations and future zero carbon homes might impact the design of glazing for new-build housing?”

Importance of reporting evidence of compliance auditing requirement

Importance of reporting evidence of compliance auditing requirement



“As part of the new Part L Regulations for new dwellings, there is a requirement for reporting evidence of compliance at critical junctions to prove that building work complies with energy efficiency requirements. How important do you think this new auditing requirement will be in making sure that the as-built finish meets the expected performance of the specification design?”

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