PROJECTFLOORS

TECHNICAL RFI RESPONSE

PROJECT	5 Rose Road, Grey Lynn
PRODUCT	Smooth Stone JT20811
DATE	2 November 2026
PREPARED FOR	Pocketspace / Auckland Council
SUBJECT	Fire performance + Critical Radiant Flux clarification

This response addresses only the two fire-performance points raised for Project Floors Smooth Stone JT20811, a 2.0 mm homogeneous PVC sheet vinyl in the Project Floors Smooth R10 range. This response accompanies the complete Longda manufacturer fire test report and the current Longda R10 product specification sheet.

RFI 1 | Fire performance classification

Longda manufacturer report 00440KES5291S covers the 2.0 mm homogeneous vinyl flooring construction and records a reaction-to-fire classification of Bfl-s1 to EN 13501-1.

CONFIRMED RESULT: Bfl-s1

Supporting evidence: Longda manufacturer EN 14041 fire test report 00440KES5291S (attached).

RFI 2 | Critical Radiant Flux (CRF)

For flooring classified Bfl under EN 13501-1, the classification criterion is a critical flux of at least 8.0 kW/m2 when assessed using EN ISO 9239-1. The Bfl-s1 classification therefore demonstrates a CRF performance threshold of not less than 8.0 kW/m2.

CRF CLASSIFICATION THRESHOLD: >= 8.0 kW/m2

The exact measured CRF figure is not separately printed in report 00440KES5291S; this response records the Bfl classification threshold supported by the attached manufacturer report.

ATTACHED SUPPORTING DOCUMENTS

1. Longda Homogeneous Vinyl EN 14041 Fire Test Report - report 00440KES5291S
2. Longda Smooth R10 Homogeneous Vinyl Product Specification - 2.0 mm, Bfl-s1, R10