

REF: 13600.250408.L1.1

9 April 2025

Dominic Dickins
1-23 Croydon Rd,
Caterham
CR3 6PA

Dear Dominic,

AS13600 BARCLAYS HOUSE, EASTLEIGH**Façade Ventilators**

Further to our noise impact assessment report AS13600.240719.NIA, we understand that secondary glazing system will be installed to the existing windows, and acoustic façade ventilators are proposed.

Our report demonstrated that, based on the existing external noise levels, achieving BS8233 guideline internal levels within proposed flats may just be possible with the existing glazing configurations. The proposed secondary glazing (understood to comprise c.100mm air gap) would significantly improve the sound insulation of the windows to c. 40-45dB R_w and minimise potential noise impacts from pedestrian activity and adjacent uses.

The passive ventilators have been selected as Rytons model AAC125HP, with manufacturer's laboratory tests showing acoustic performance of 43 dB $D_{n,e,w}$ (vent open) and 50 dB $D_{n,e,w}$ (vent closed).

The proposed ventilator performance is compatible with the anticipated acoustic performance of the secondary glazed window system and our calculations, incorporating the secondary glazing performance and assuming one open vent per room, confirm that suitable internal levels would be maintained within the BS8233 guidelines.

We trust the above to be of assistance. Please do not hesitate to contact us with any queries you may have.

Yours sincerely
for CLARKE SAUNDERS ASSOCIATES


Ian MacArthur MIOAemail: Imacarthur@clarkesaunders.com**WINCHESTER (HEAD OFFICE)**

+44 (0) 1962 872 130
mail@clarkesaunders.com

LONDON

+44 (0) 20 3479 7867
london@clarkesaunders.com

EXETER

+44 (0) 1392 342 978
exeter@clarkesaunders.com