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BRAVO HOSTEL

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BRAVO HOSTEL / LONDON

The construction and fit-out of a new 103 key hostel accommodation, over 2 buildings, with a 3-storey link building. The building fronting Finchley Road comprising of 9 levels from -2 to 6; rear building comprising 6-levels from -2 to 3. Construction included forming areas to shell and core for retail and cafe at -1 and ground floor.

Location
Bravo Hostel
London

Project Architect
S. Ilan Architectural Workshop

Stone contractor
Team Ghirardi
Brescia

Material
High Density Type III Limestome

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THE PROJECT

The stone elements of the project integrate glass and cantilevered terraces into a sculptural composition balancing opaque, light-weight honeycomb panels that are consistent with the entire curtain wall concept, but give visual “weight” to the overall architectural composition.

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MATERIALS

The material chosen is a beige limestone. The selection was based upon technical performance requirements; and then, only the aesthetic color and texture that best utilizes our experience as stone consultants.

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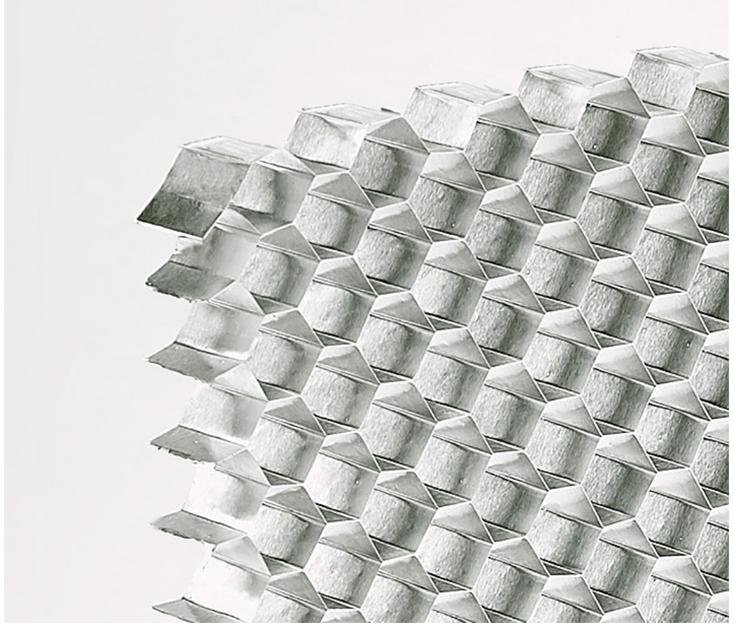
PROJECT PRELIMINARIES

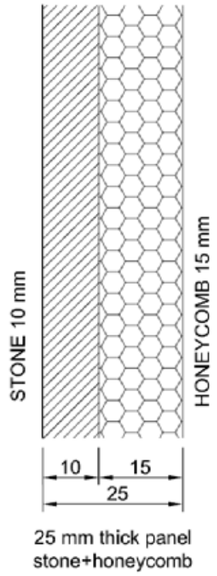
HOW TO ASSEMBLE

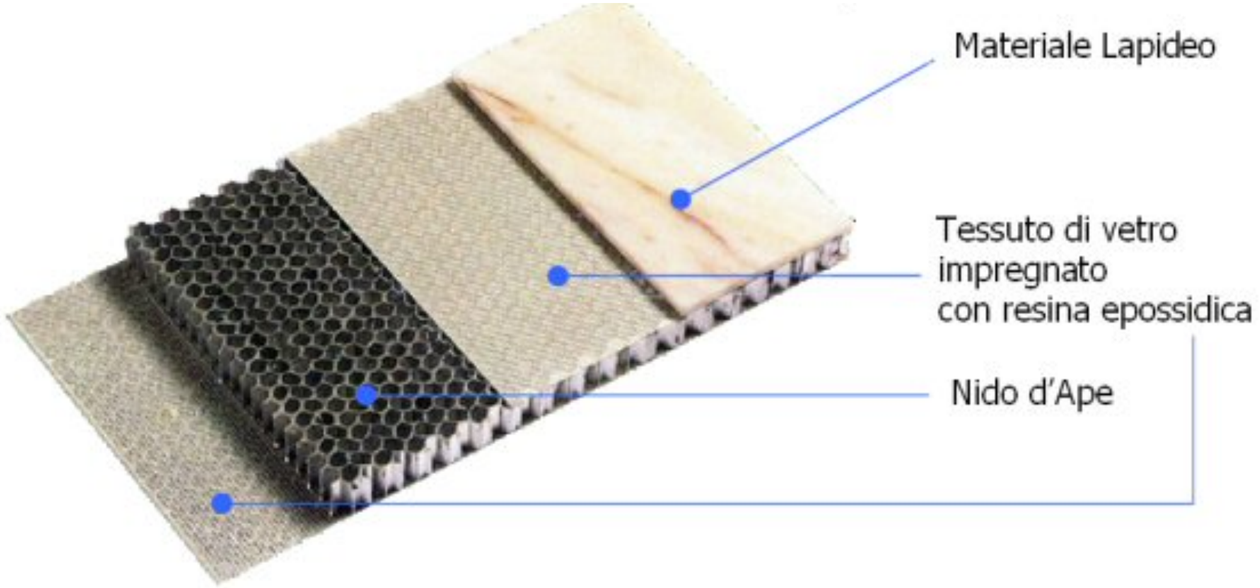
The key for this particular project was to research with a Type III High-density limestone of fine grain, good compactness and resistance to frost.

This way, a thin-stone that performs well for flexural strength may be employed for reasons of lightness, the incorporation of modular panels and honeycomb type.

The base is an aluminum honeycomb support-substrate.







The honeycomb is stiffened by a double base of glass reinforced fabric impregnated with adhesives, upon which the stone layer is adhered.

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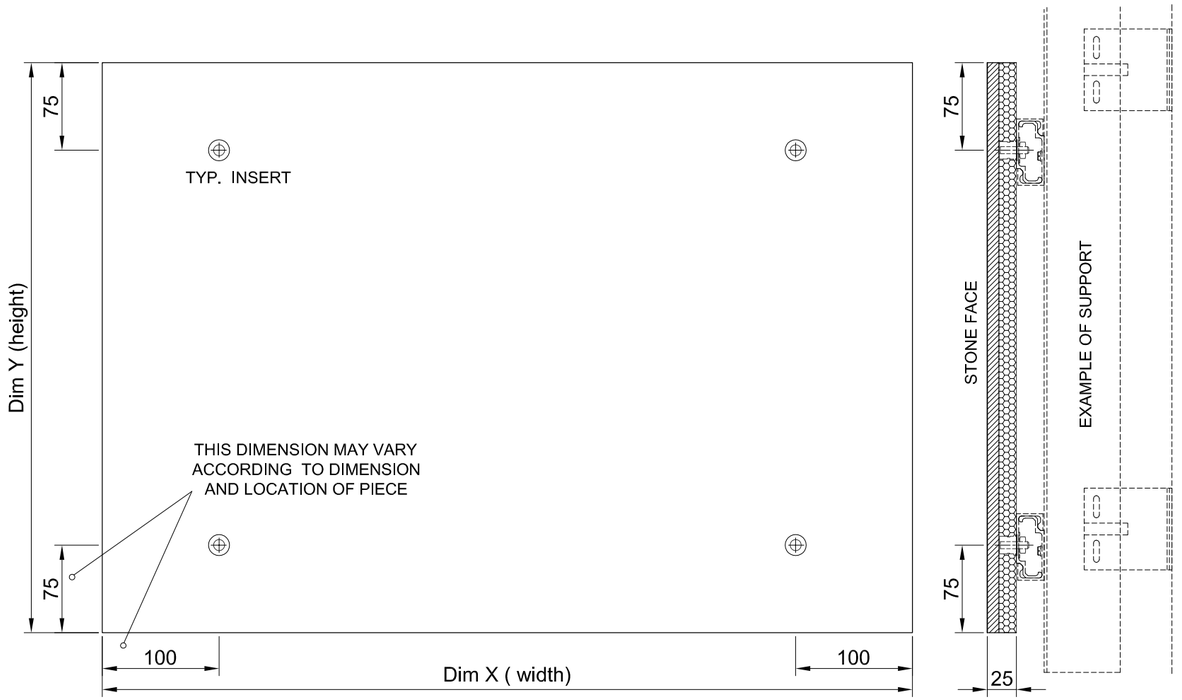
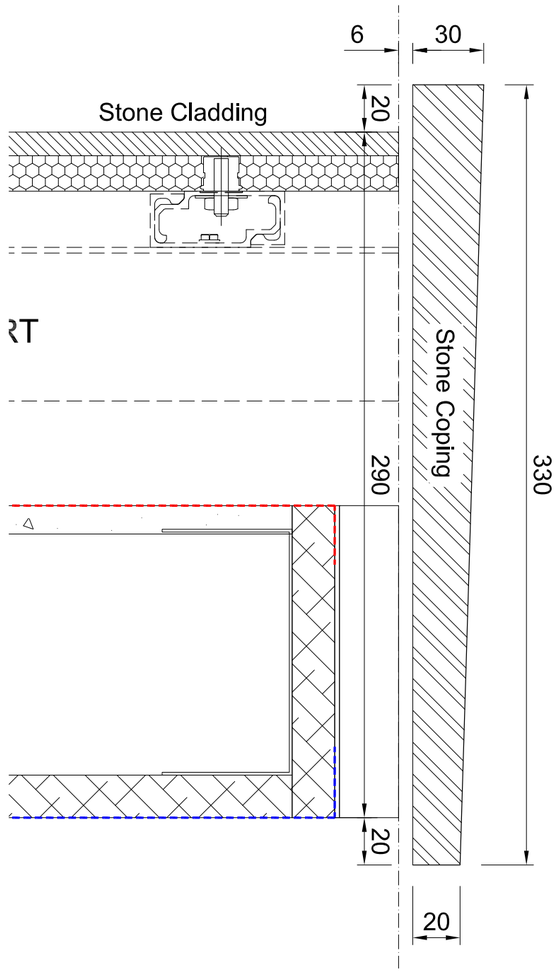
via Santa Croce, 49 - Carpenedolo (BS) - ITALY

PROJECT NAME
VLC Finchley road

Typ. Stone Panel and example of support





STONE COPING PROPOSAL
Dimension are indicative-only


fischer

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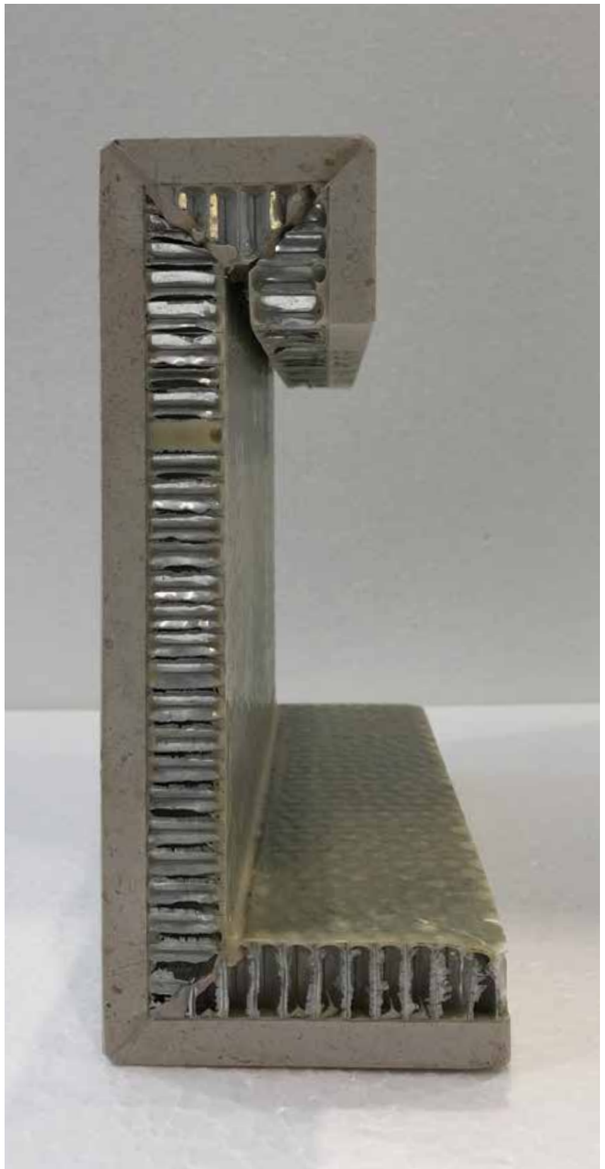
The honey comb allows for a lightweight solution to create a visual weight and perceived thickness that would otherwise impose uncessary deadloads. This method allows for the visual intent to be achieved more cost effectively.



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Architectural dimensions are achieved without added weight, the resulting added infrastucture and added cost.

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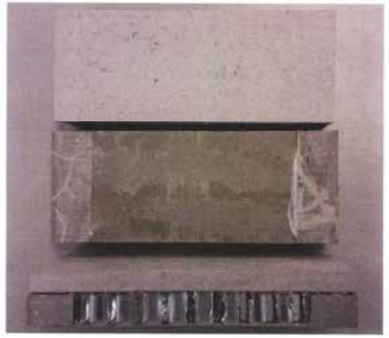
To verify the mechanical parameters of the composite panel, specific tests were performed at the Brescia University.

UNIVERSITÀ DEGLI STUDI DI BRESCIA
DICATAM DIPARTIMENTO DI INGEGNERIA CIVILE, ARCHITETTURA, TERRITORIO, AMBIENTE E DI MATEMATICA
LABORATORIO PROVE MATERIALI «PIETRO PISA»
VIA BRANZE 36/38 - 25123 BRESCIA Tel. 030.3715617/594 - Fax 030.3715595
e-mail: segreteria-laboratoriopisa@unibs.it Cod. Fiscale 80007650173 - P. IVA IT01273710171

Fotografia 1 – Campione in materiale composito limestone honeycomb



Fotografia 2 – Prova di flessione su tre punti di carico

LABORATORIO PROVE MATERIALI "PIETRO PISA"

Fotografia 3 – Modalità di rottura dei campioni

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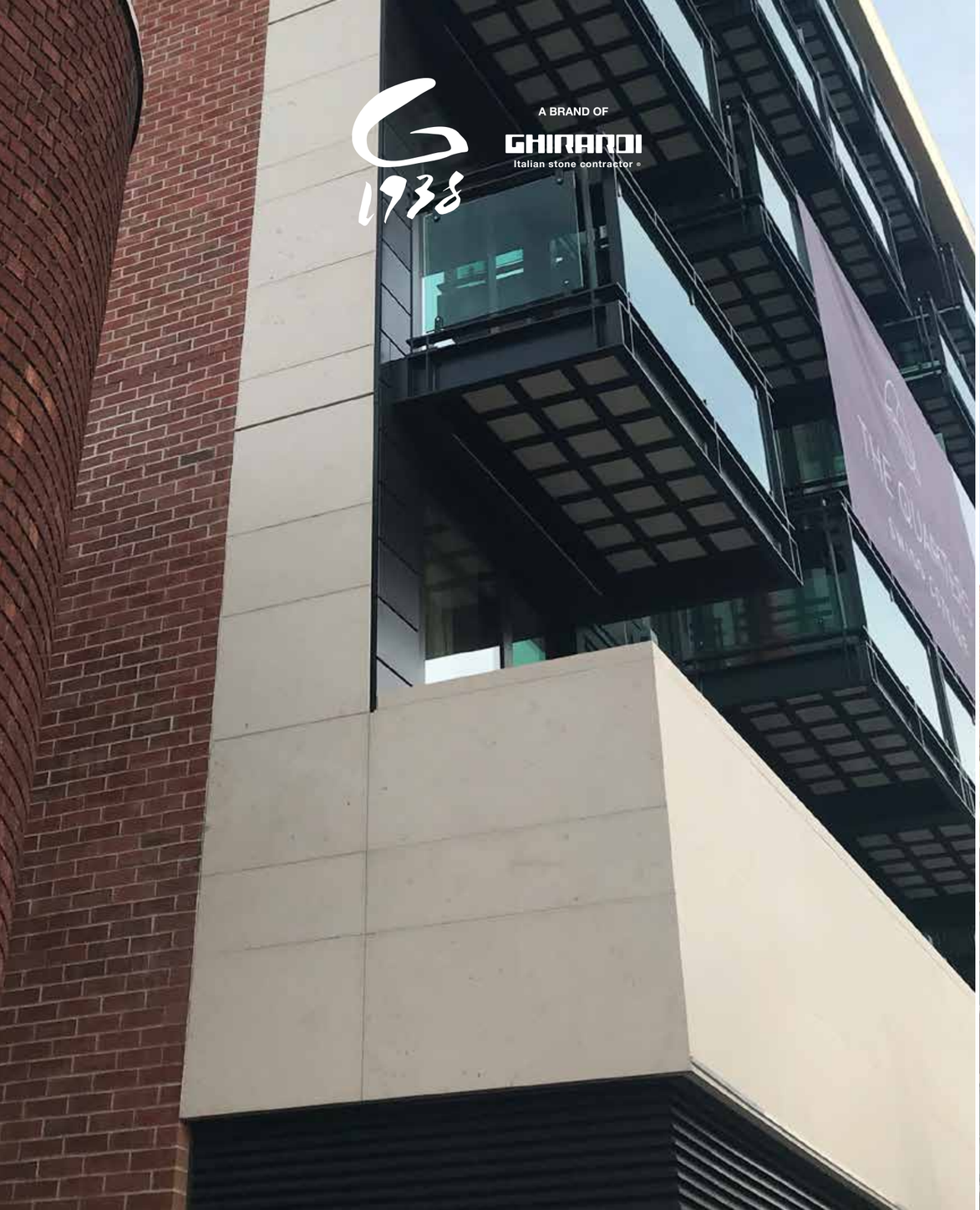

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