



Spazi in legno per il nuovo Headquarter di Iperceramica

Ing. Pierpaolo Casini

Responsabile progettazione e calcolo edifici in legno di Sistem Costruzioni

27/05/2021

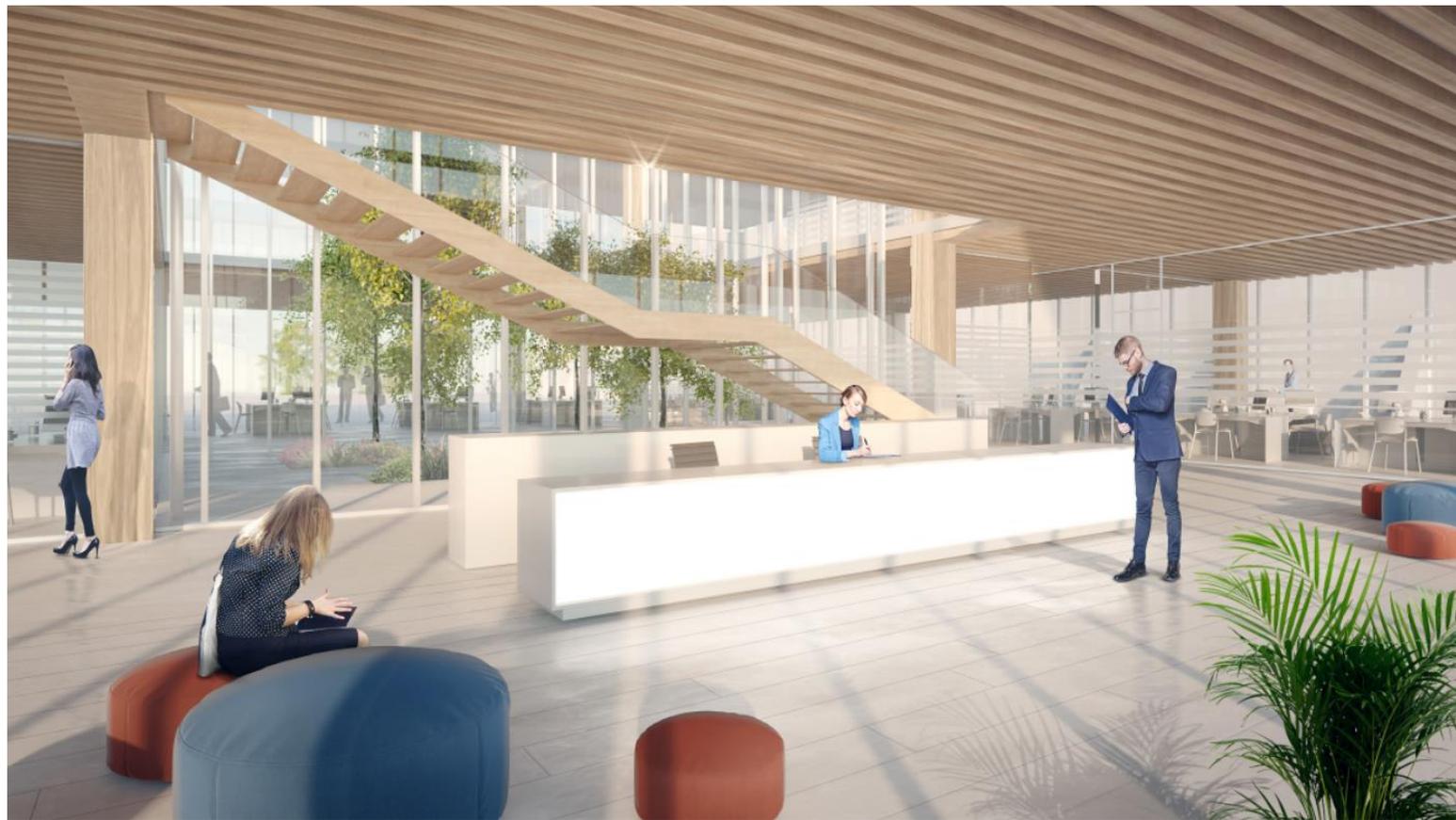
Iperceramica Headquarter

Committente: Iperceramica
Progetto : Mario Cucinella Architects
Progetto Strutturale: Maffeis Engineering
Superficie utile: 1700 mq
Tipologia: Telaio pesante – post and beam
Tempo di realizzazione struttura: 3 mesi
Anno di realizzazione: 2019



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Iperceramica Headquarter



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Iperceramica Headquarter - PIANTE



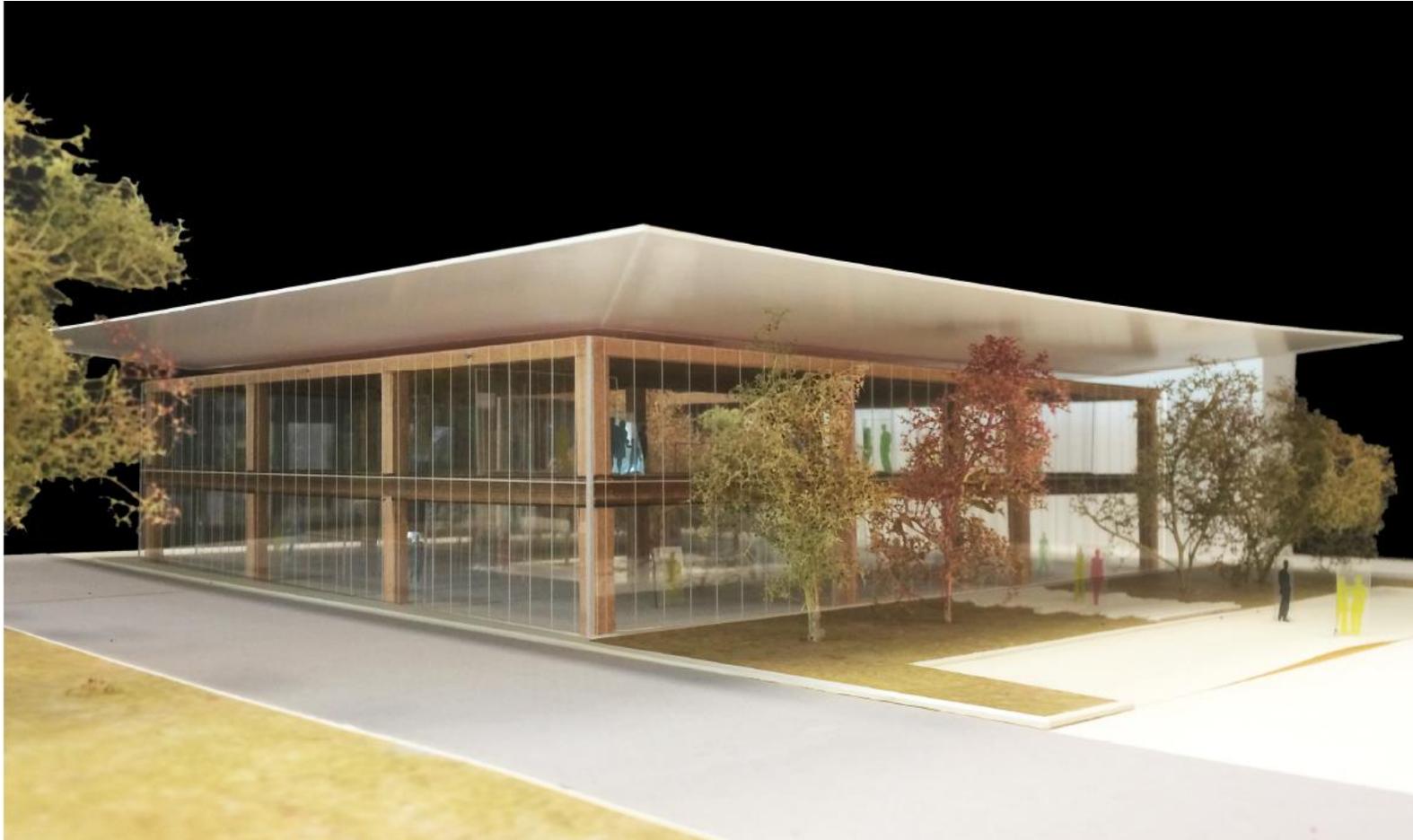
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Iperceramica Headquarter - PIANTE



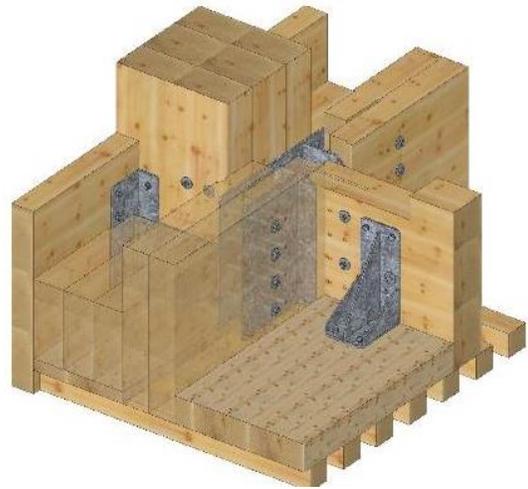
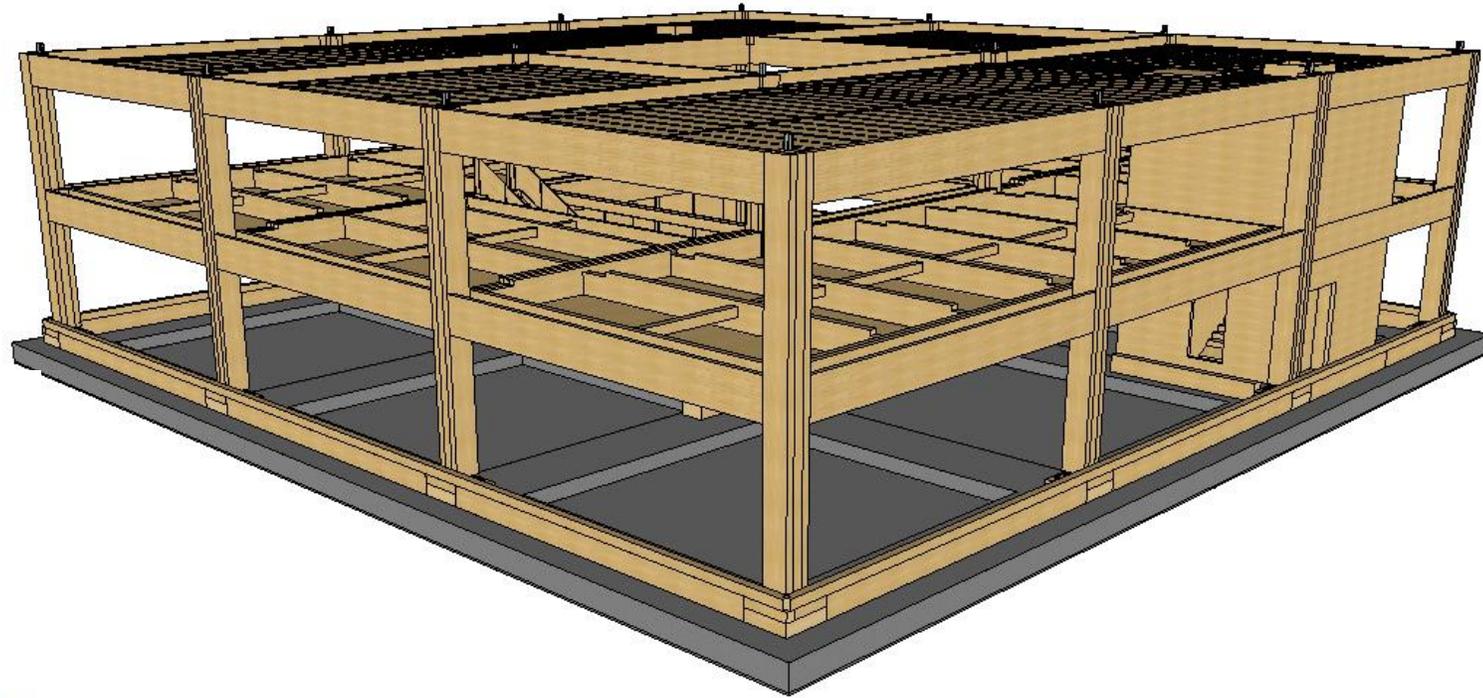
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Iperceramica Headquarter – SISTEMA COSTRUTTIVO

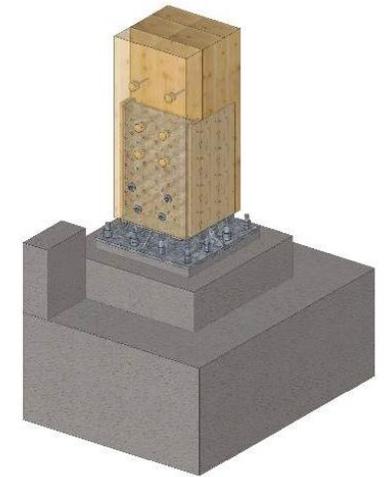


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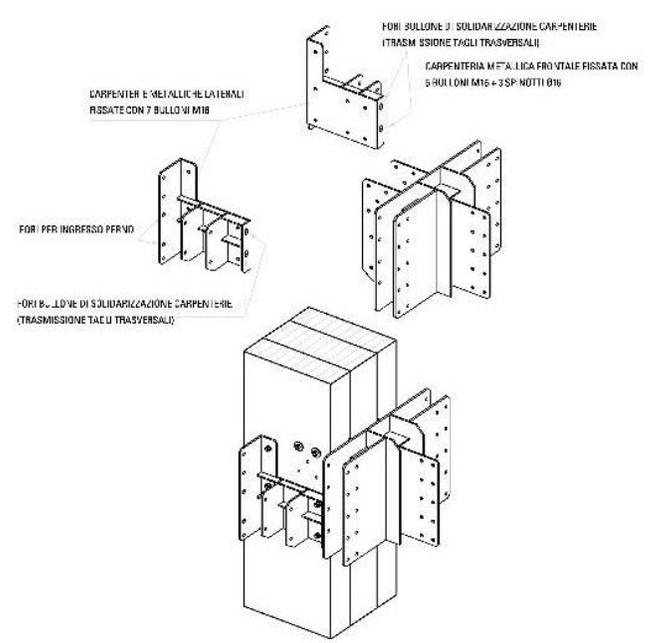
Iperceramica Headquarter – SISTEMA COSTRUTTIVO



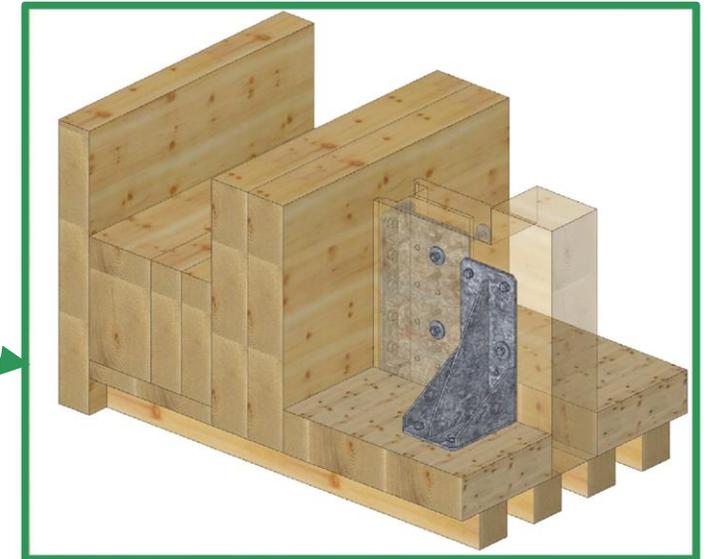
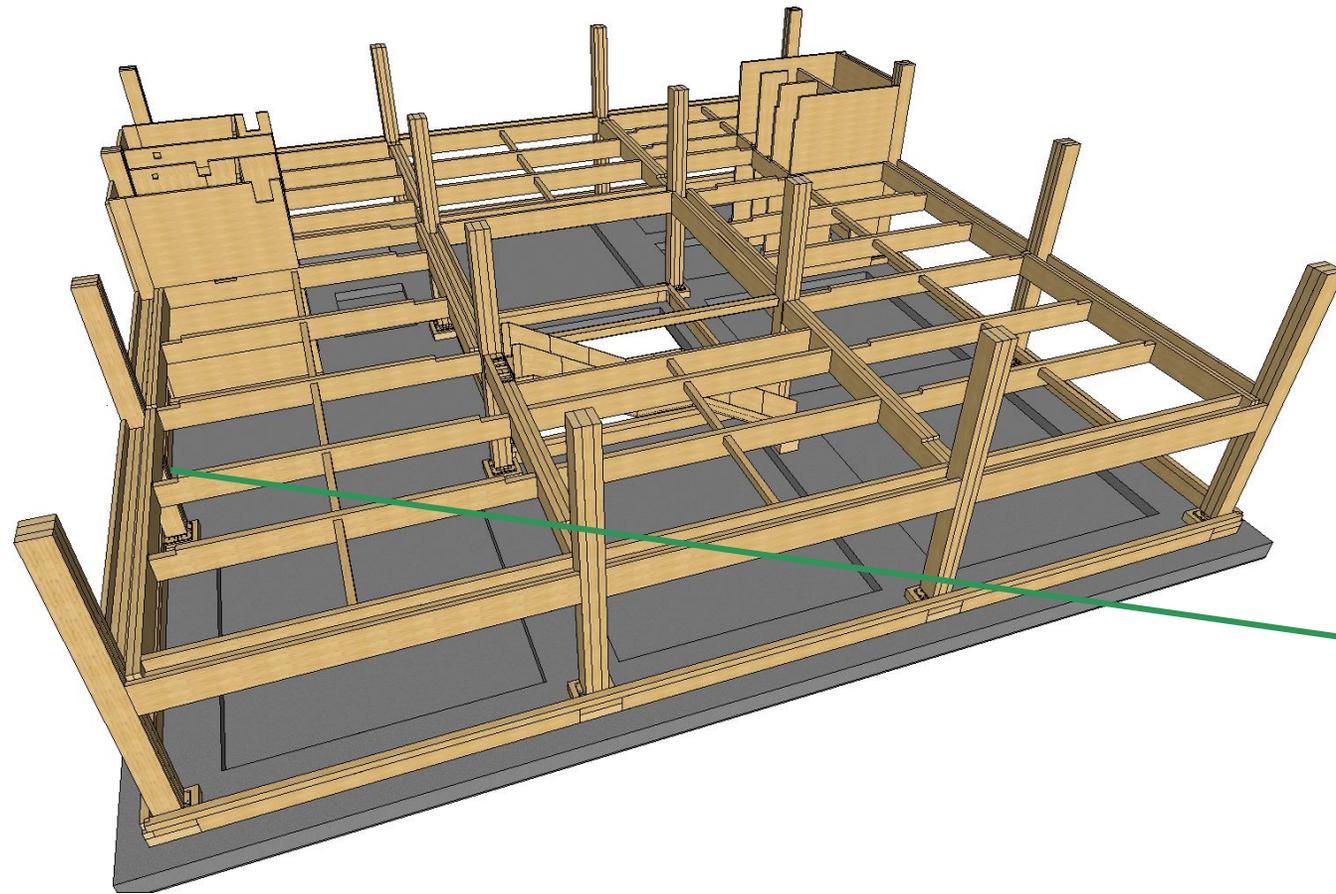
Struttura travi e pilastri con semi- incastri nei nodi



Iperceramica Headquarter – NODO TRAVE/PILASTRO

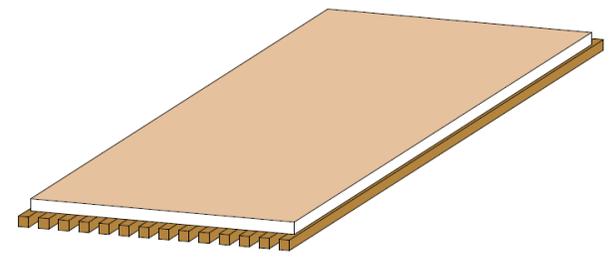
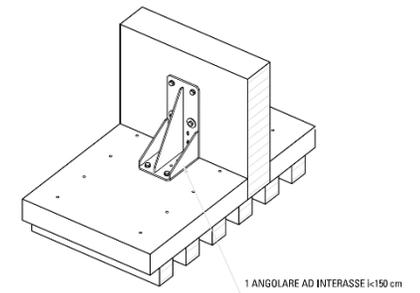
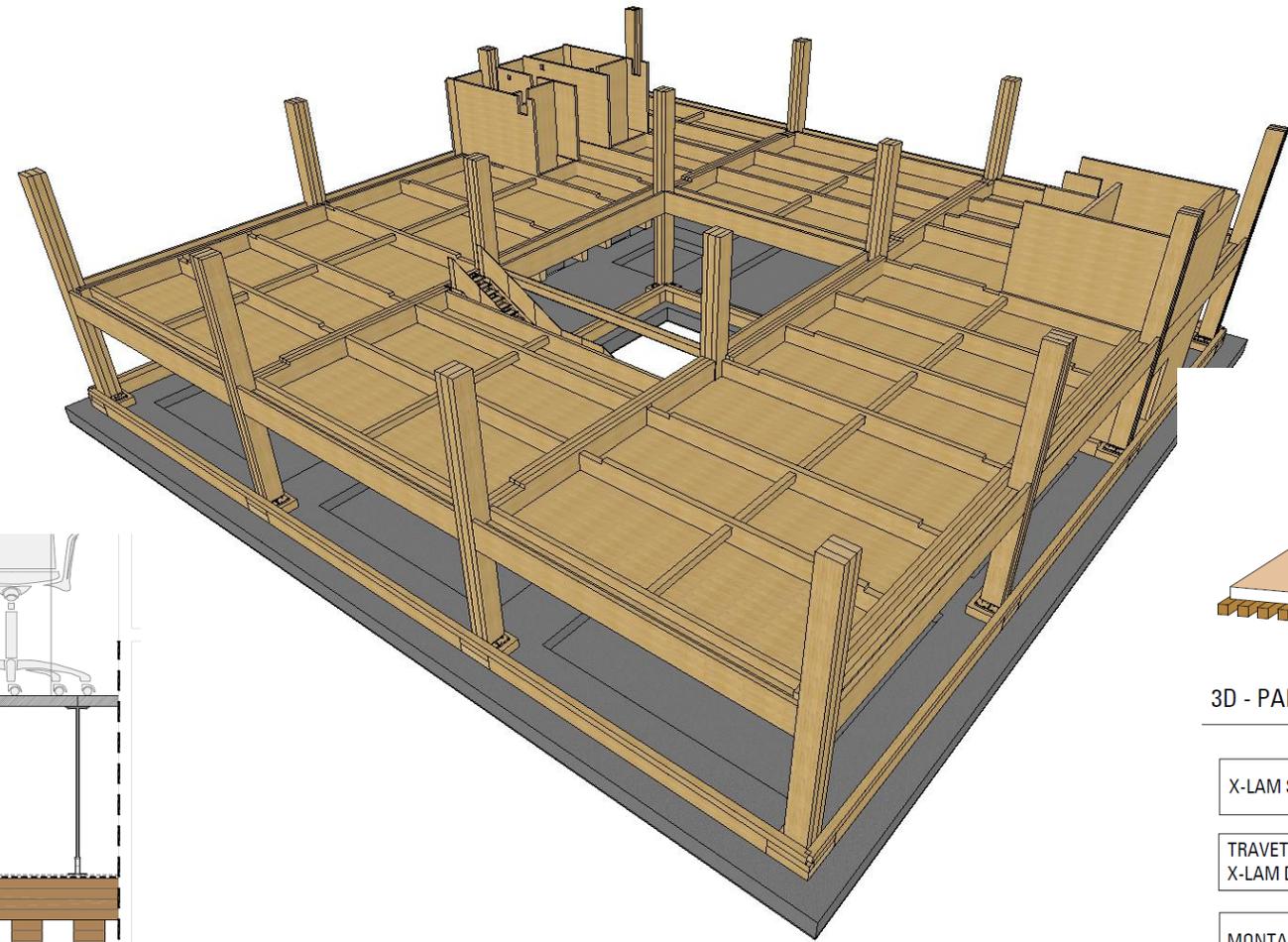


Iperceramica Headquarter – TRAVI (1° orizzontamento)



Iperceramica Headquarter – PANNELLI PREASSEMBLATI

n.20 angolari a pannello

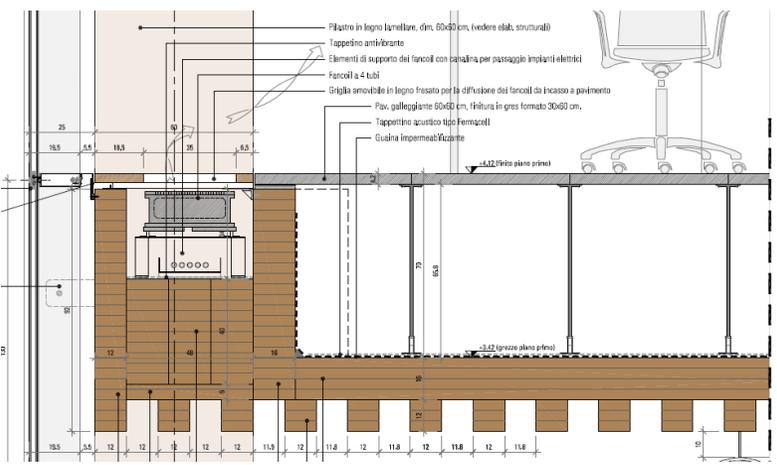


3D - PANNELLO PREASSEMBLATO TIPO - P1

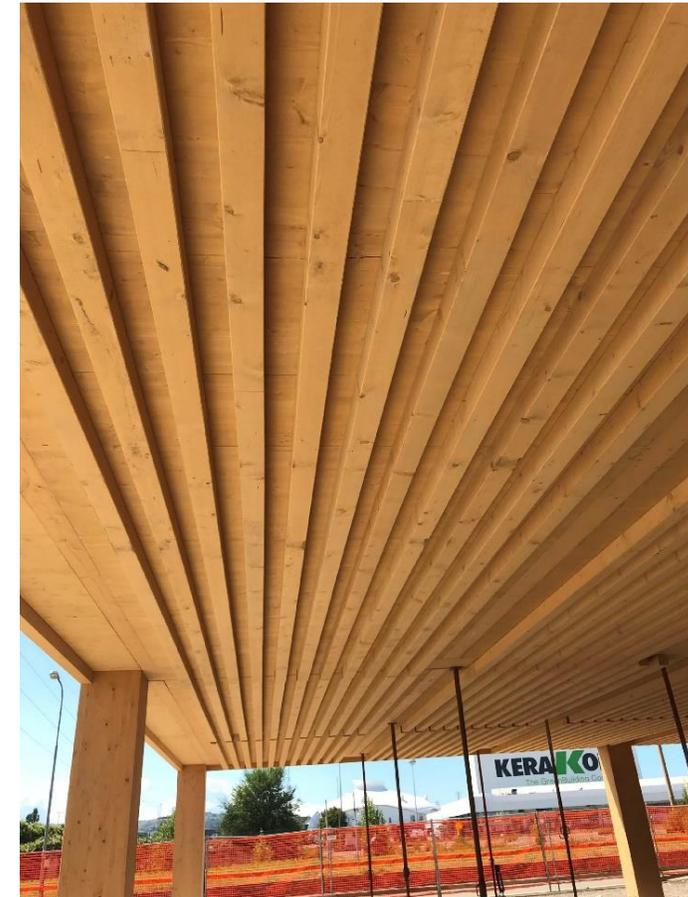
X-LAM SPESSORE 14cm: 5 STRATI (4+2+2+4)

TRAVETTI 12x12/24cm AVVITATI AL PANNELLO X-LAM DI SOLAIO IN STABILIMENTO.

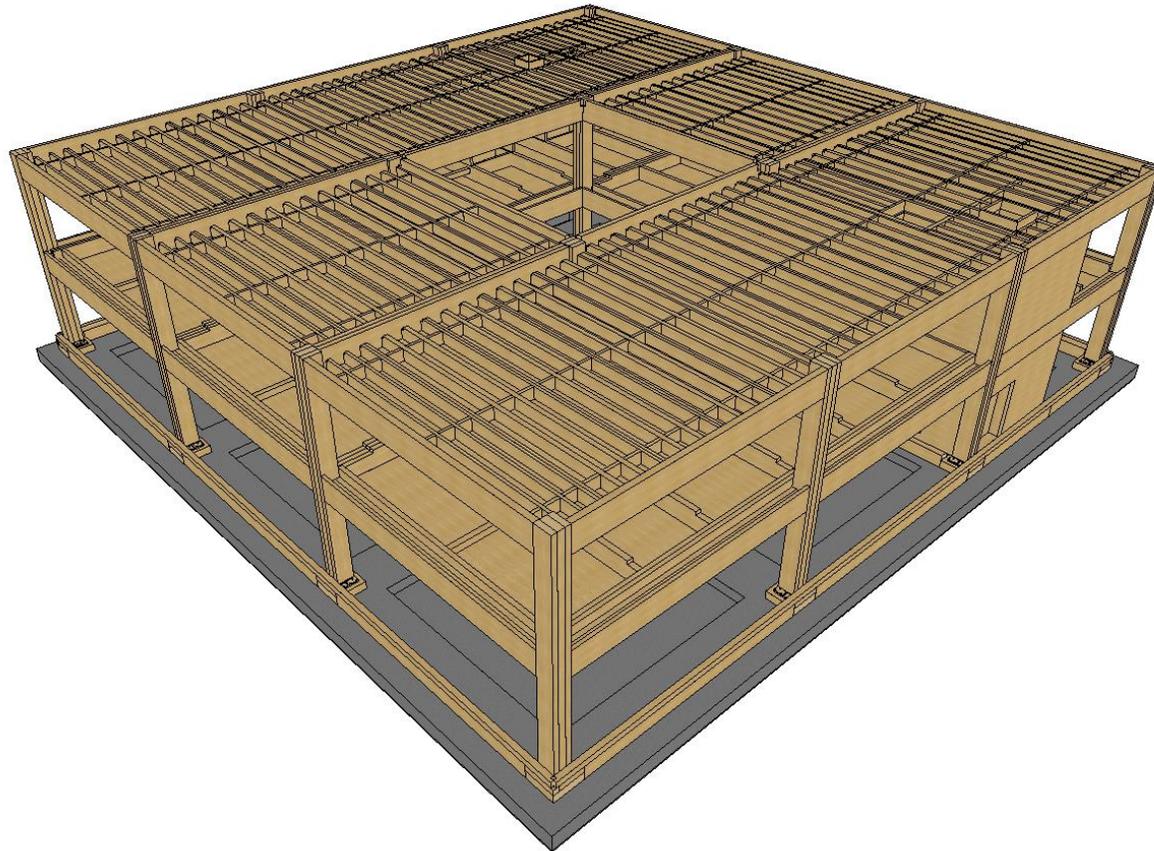
MONTAGGIO CON SOLLEVAMENTO DA SOTTO



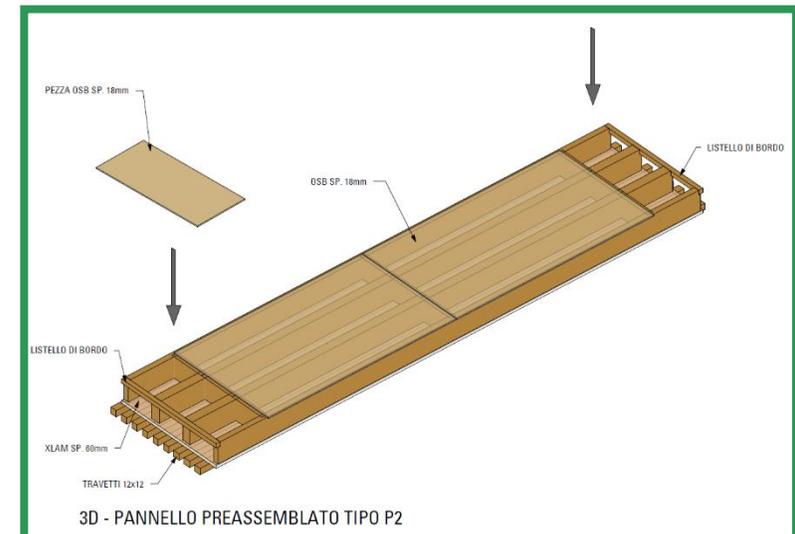
Iperceramica Headquarter – FASI DI CANTIERE



Iperceramica Headquarter – COPERTURA



Travi centrali 16x40
Travi di bordo 10x40
Pannello x-lam 6 cm
OSB 18 mm
Travetti 12x12 all'intradosso



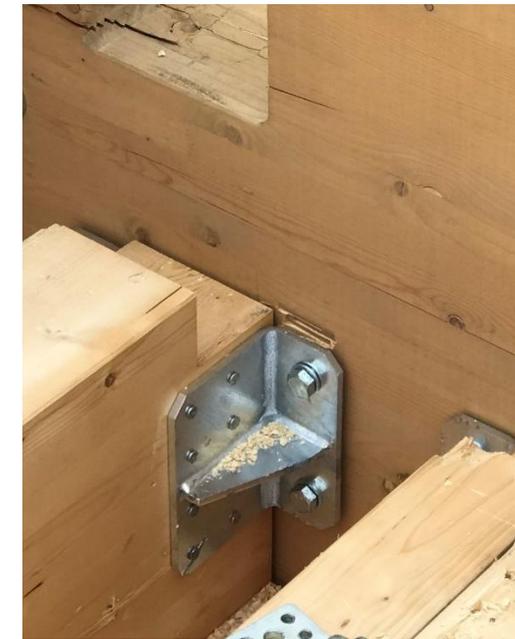
Iperceramica Headquarter – FASI DI CANTIERE



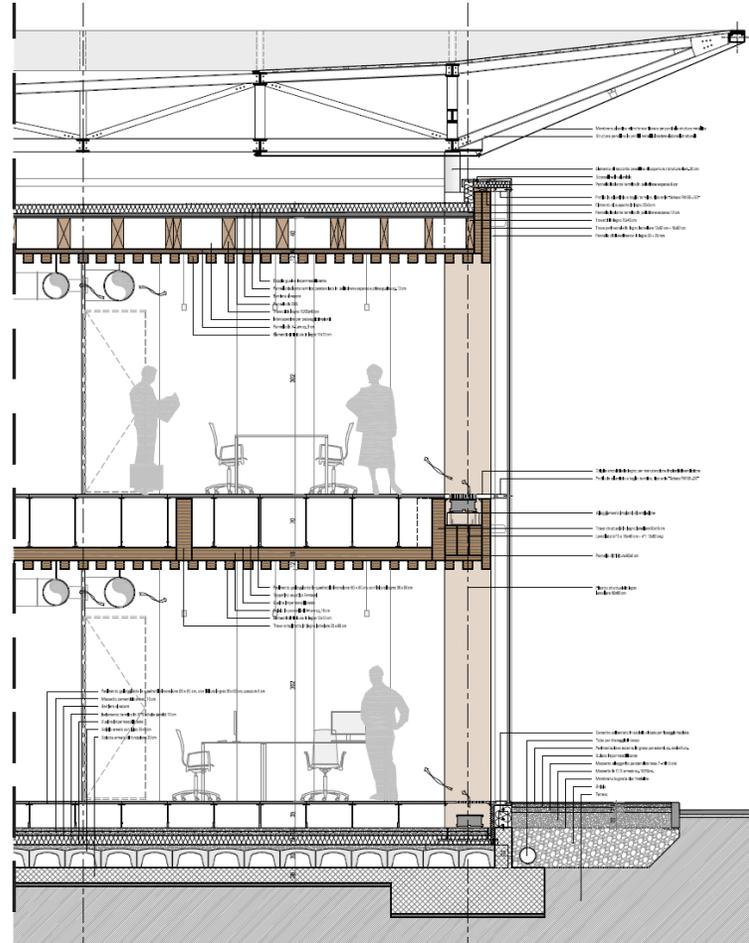
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Iperceramica Headquarter – RIVESTIMENTO FACCIATA



Il tamponamento esterno completamente vetrato è realizzato con un sistema di facciata semistrutturale del tipo

Schuco FW50+ SG

composta da profili tipo Schuco in alluminio con montanti e traversi di profondità ca. 200 mm

Trasmittanza Termica
 Vetro+Infisso $U_{cw} < 0$
 uguale a **1,2**
W/(mqk).

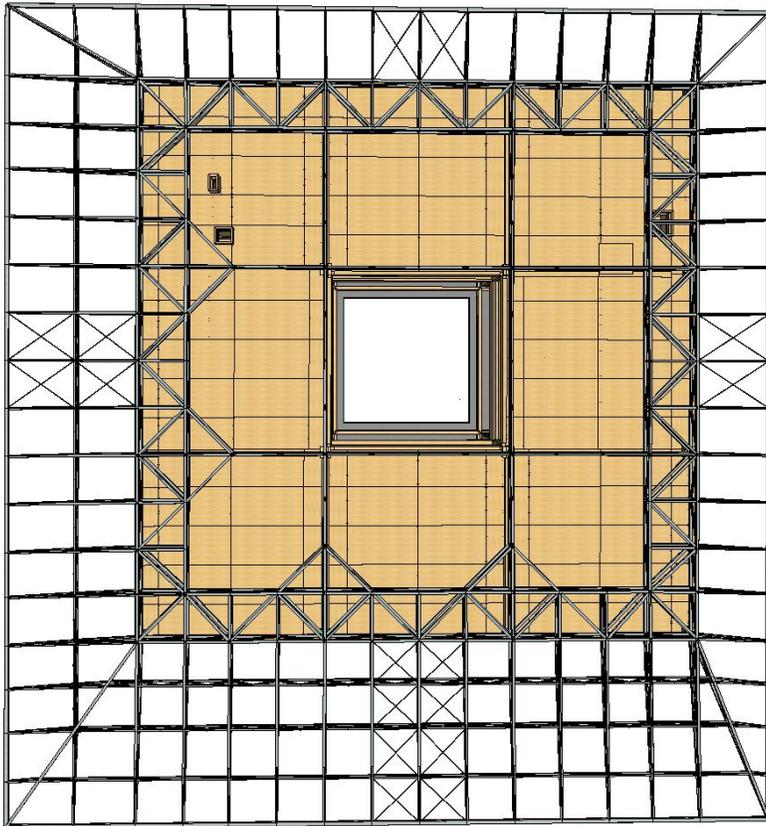
Iperceramica Headquarter – FASI DI CANTIERE



Iperceramica Headquarter – FASI DI CANTIERE



Iperceramica Headquarter – PENSILINA



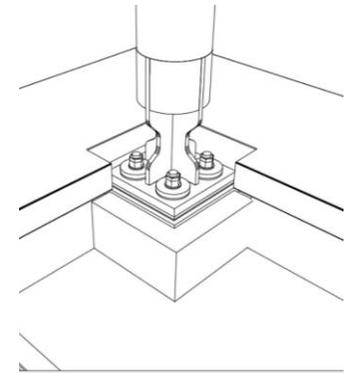
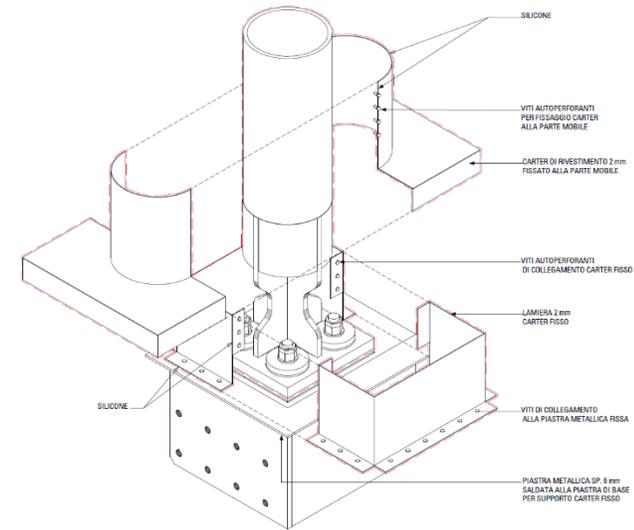
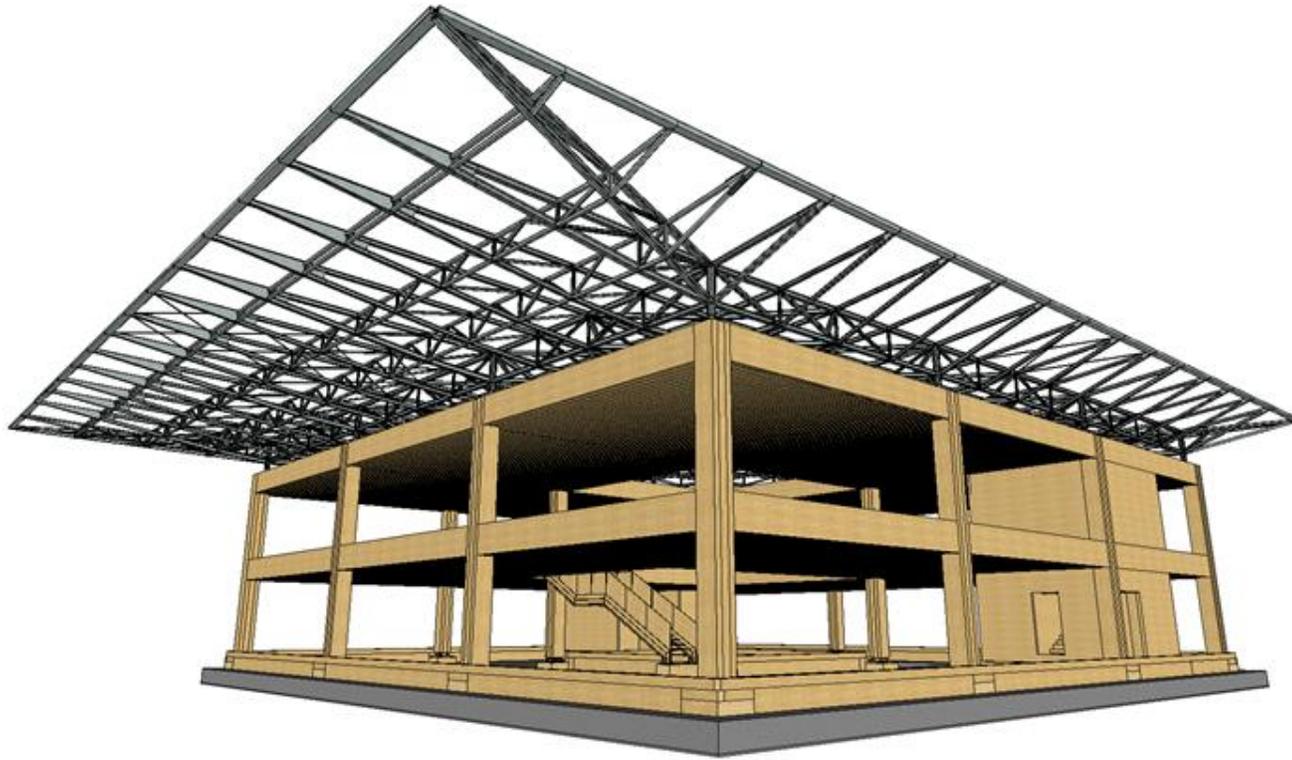
Struttura leggera
realizzata mediante profili
in acciaio HEA 180 e 120.
Travi reticolari a passo
250cm a formare gli
aggetti ombreggianti

Rivestimento con tessuto
microforato del tipo Soltis FT
371, della azienda Serge-Ferrari
e ad alta riflessione ($R > 0.8$)

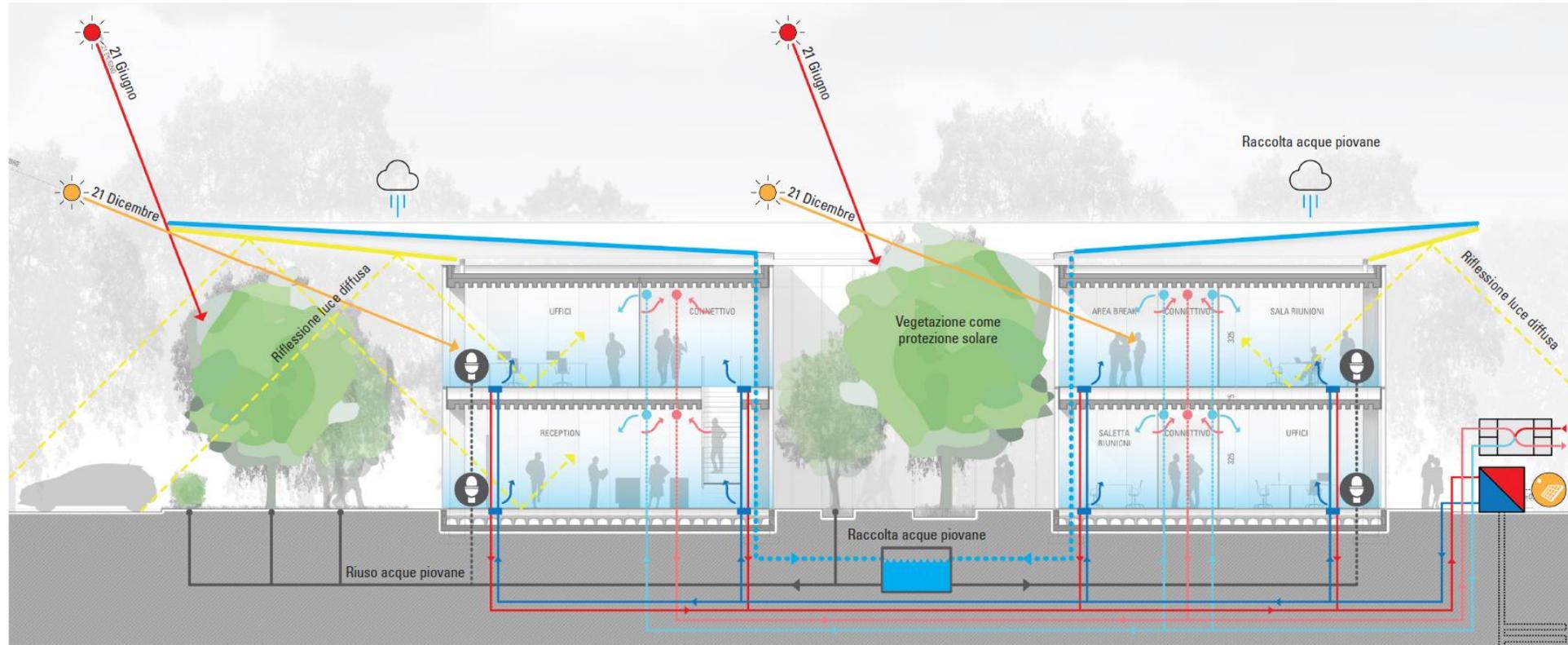


*sporto di 9 mt. sul fronte sud,
6 mt sul fronte ovest,
2,5 mt sui fronti est e nord*

Iperceramica Headquarter – PENSILINA



Iperceramica Headquarter – PENSILINA

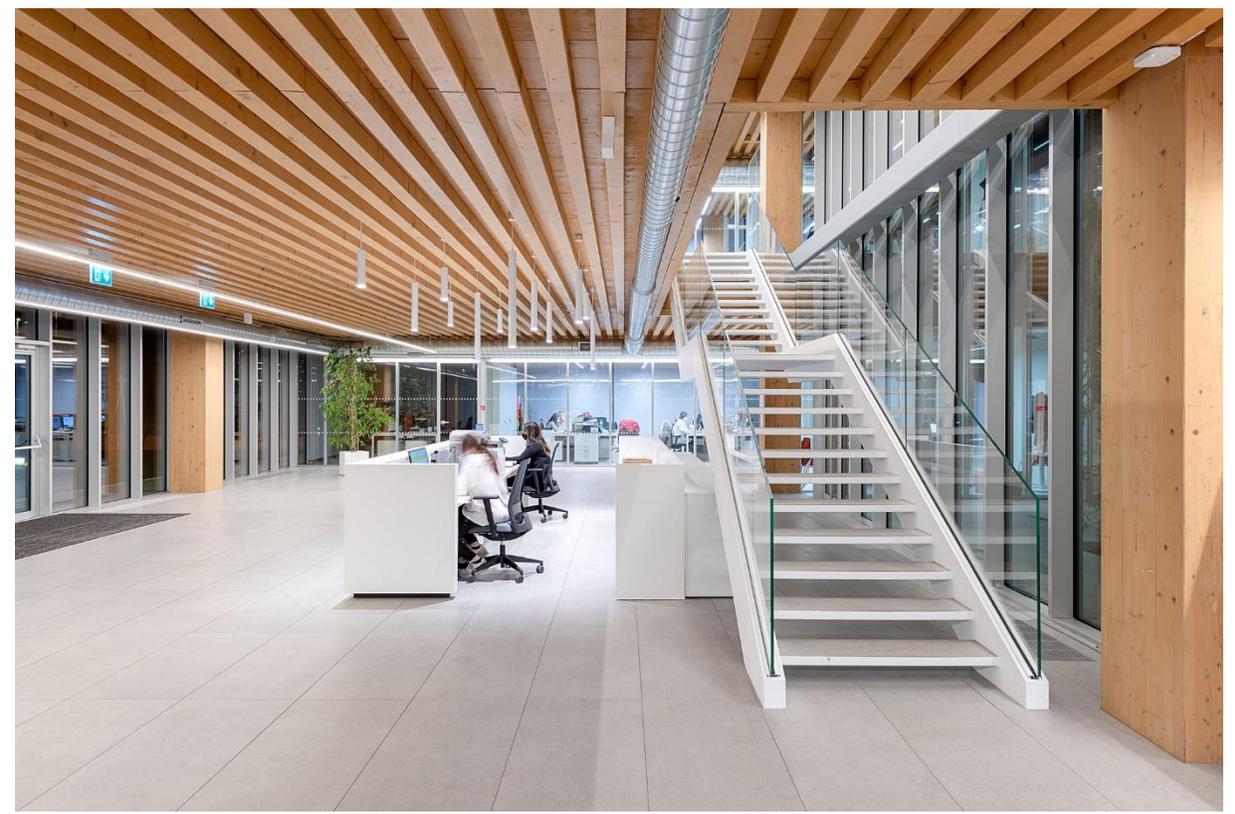
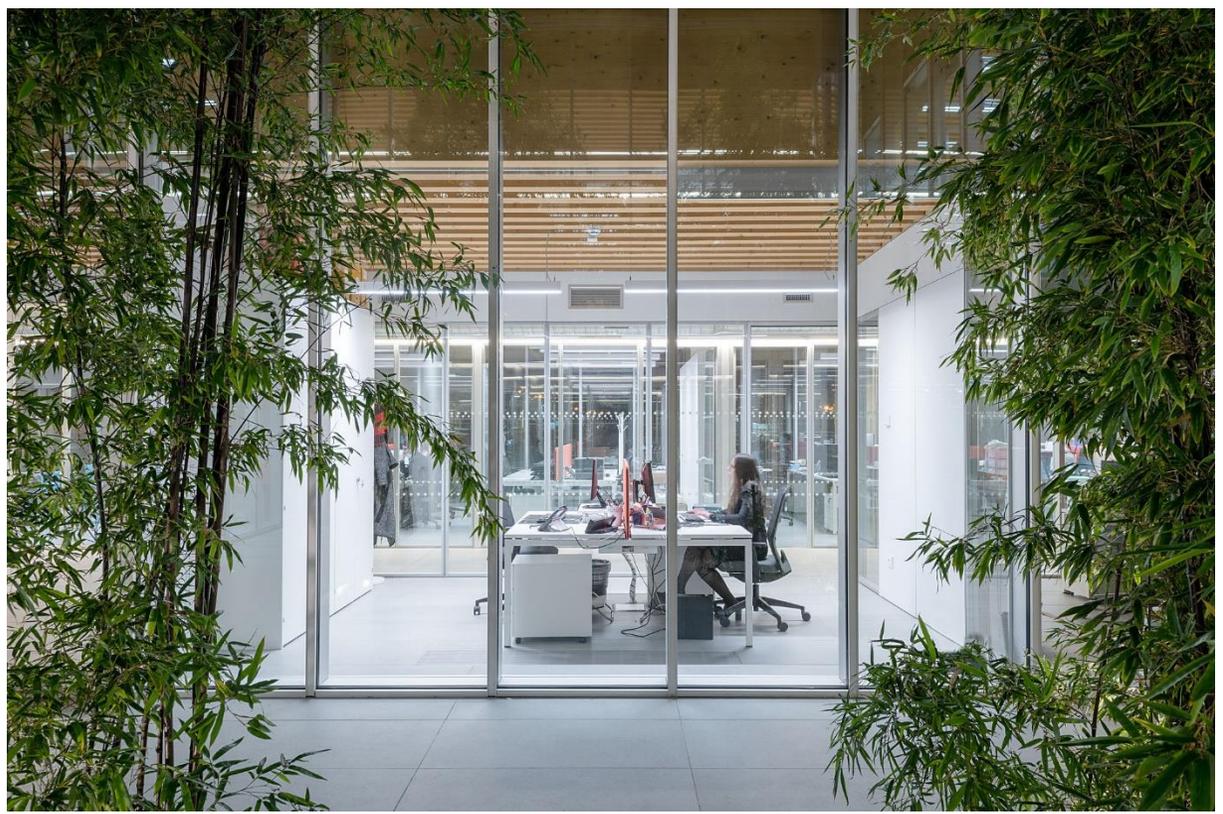


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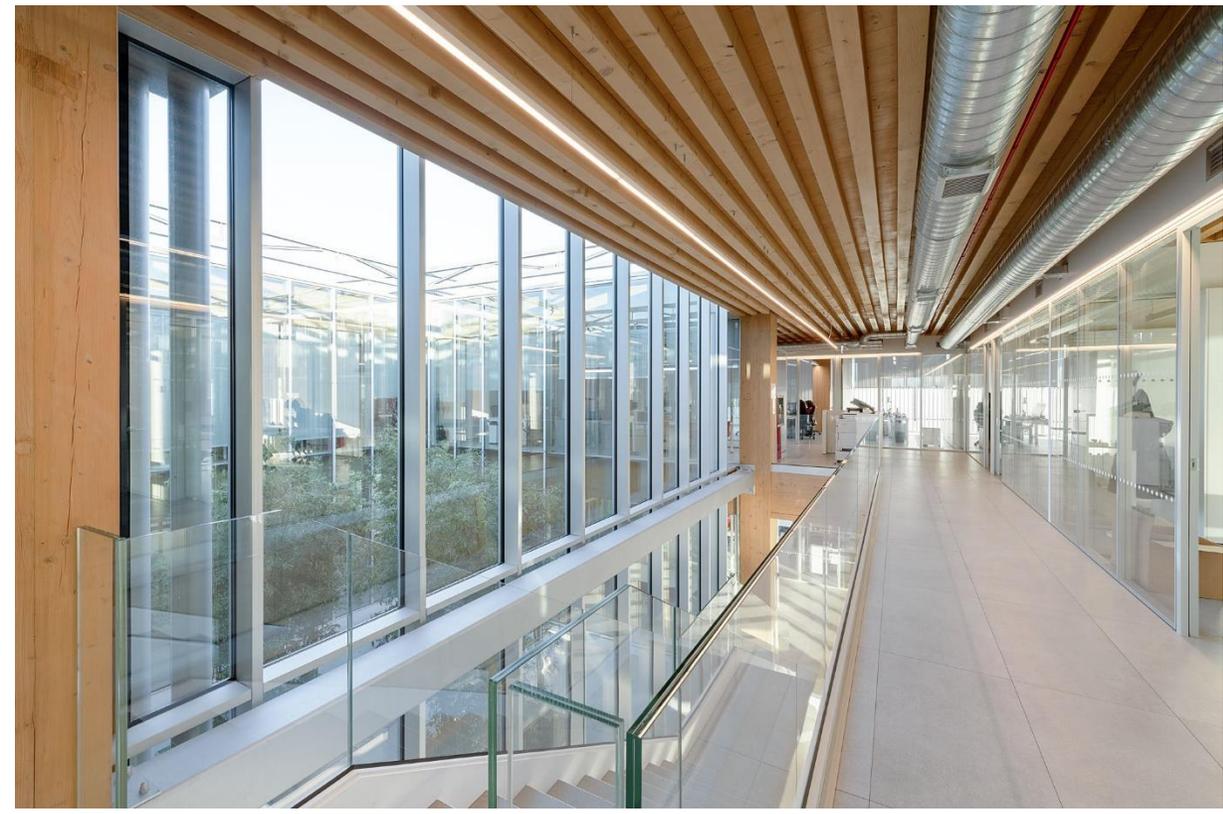
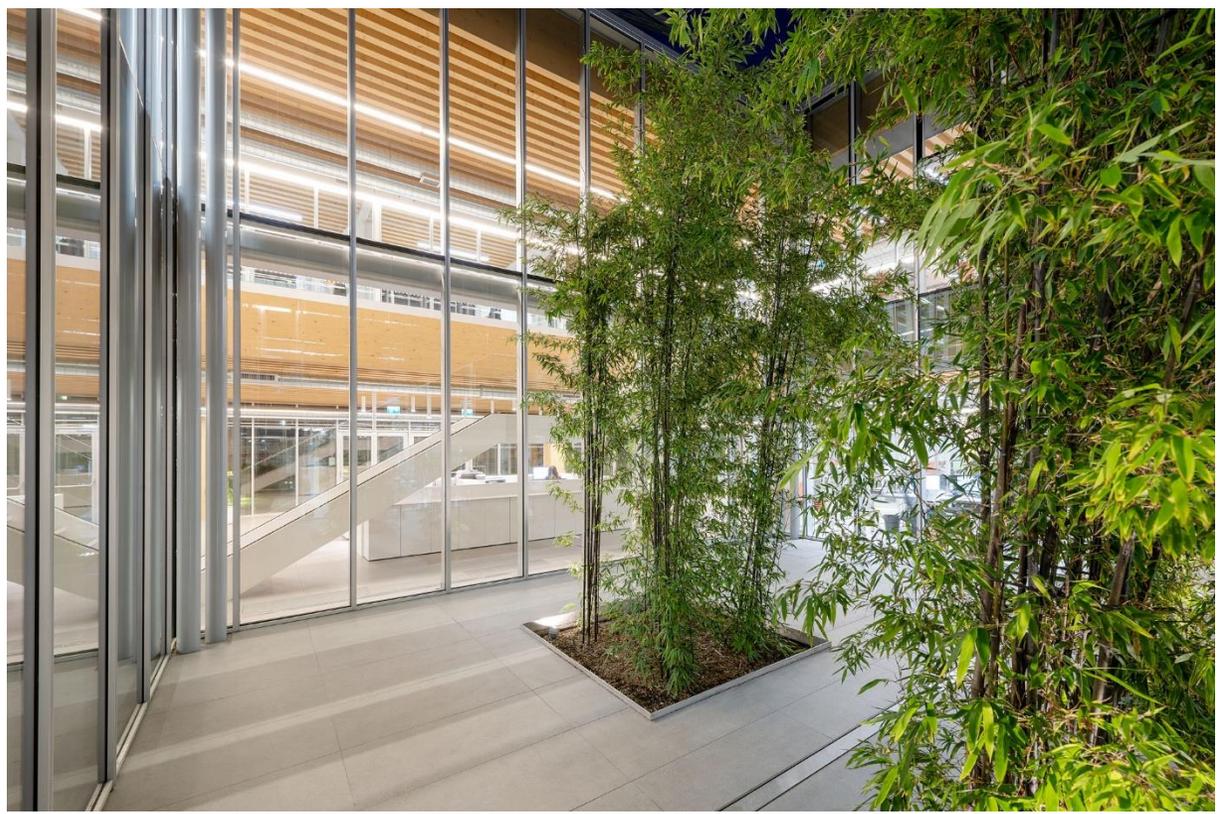
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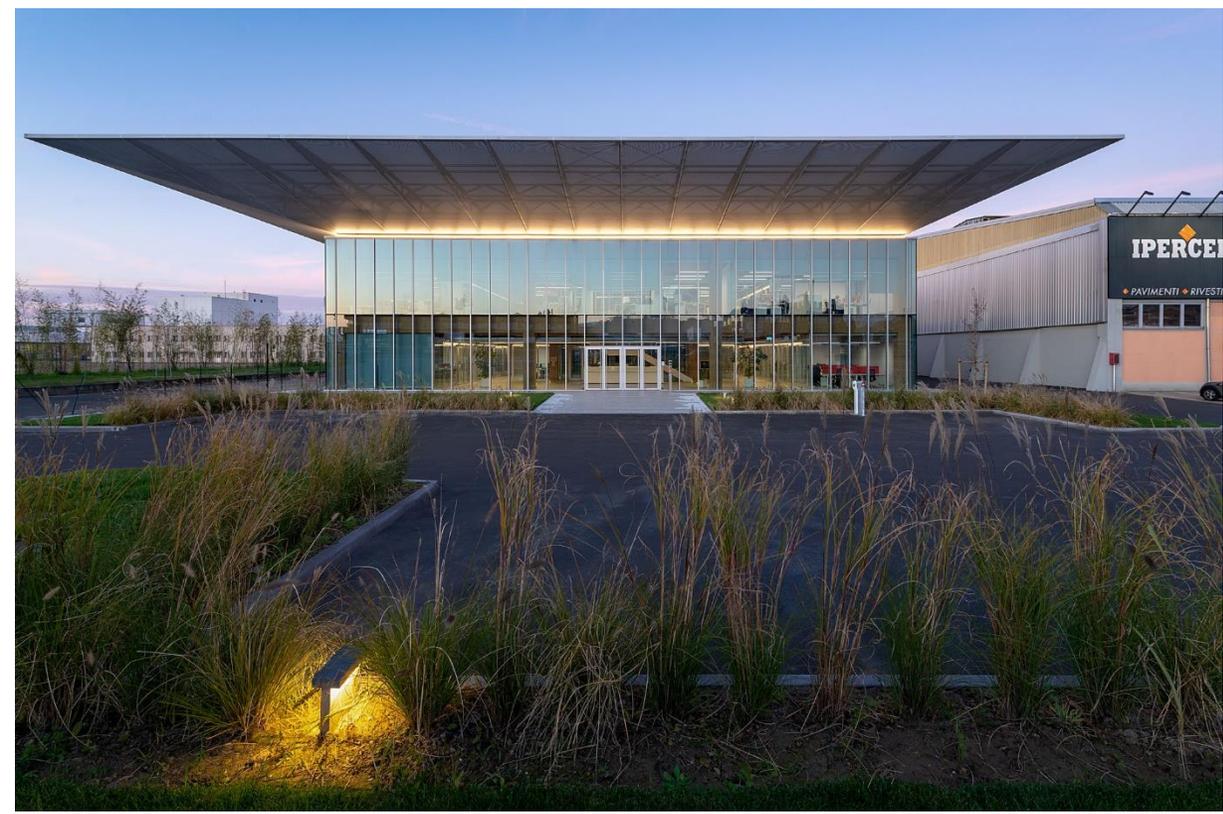
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