

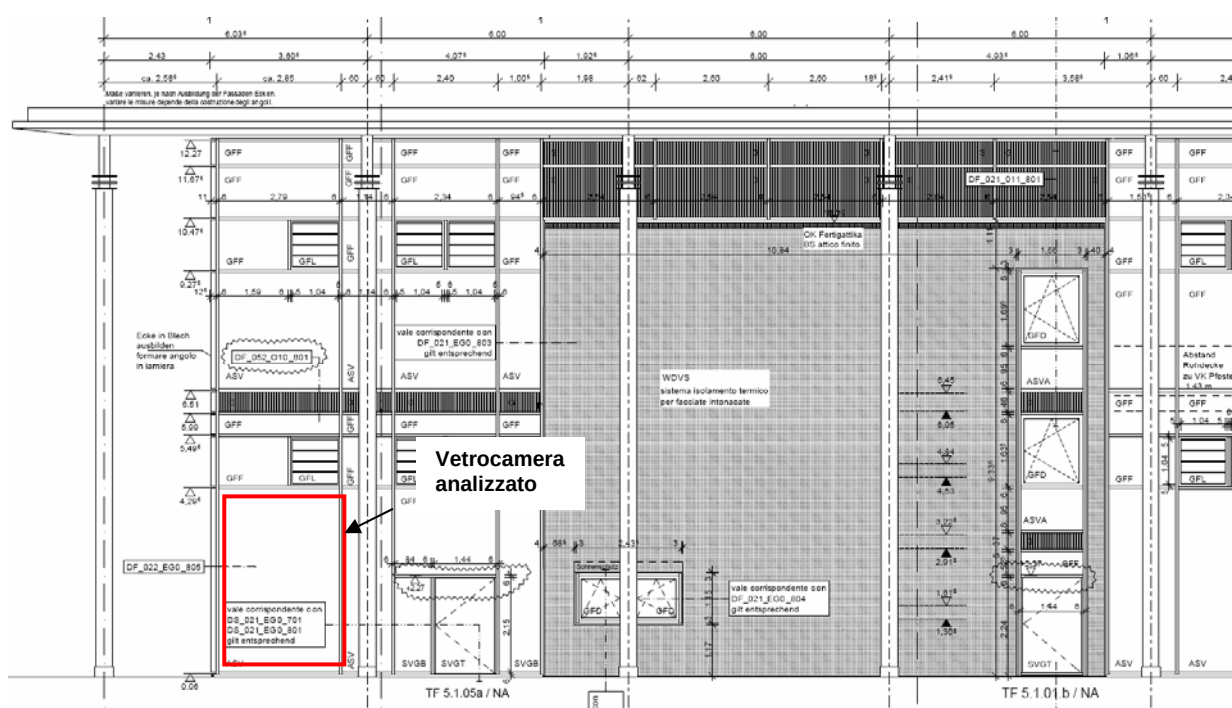
1.1 Isolierglas Typ 1 (2850mm x 4300mm)

Vetrocamera tipologia 1 (2850mm x 4300mm)

Lastra monolitica esterna: 12mm, Temperato

Lastra stratificata interna: 5+5mm, float

Condizioni di vincolo: vincolato su 4 lati



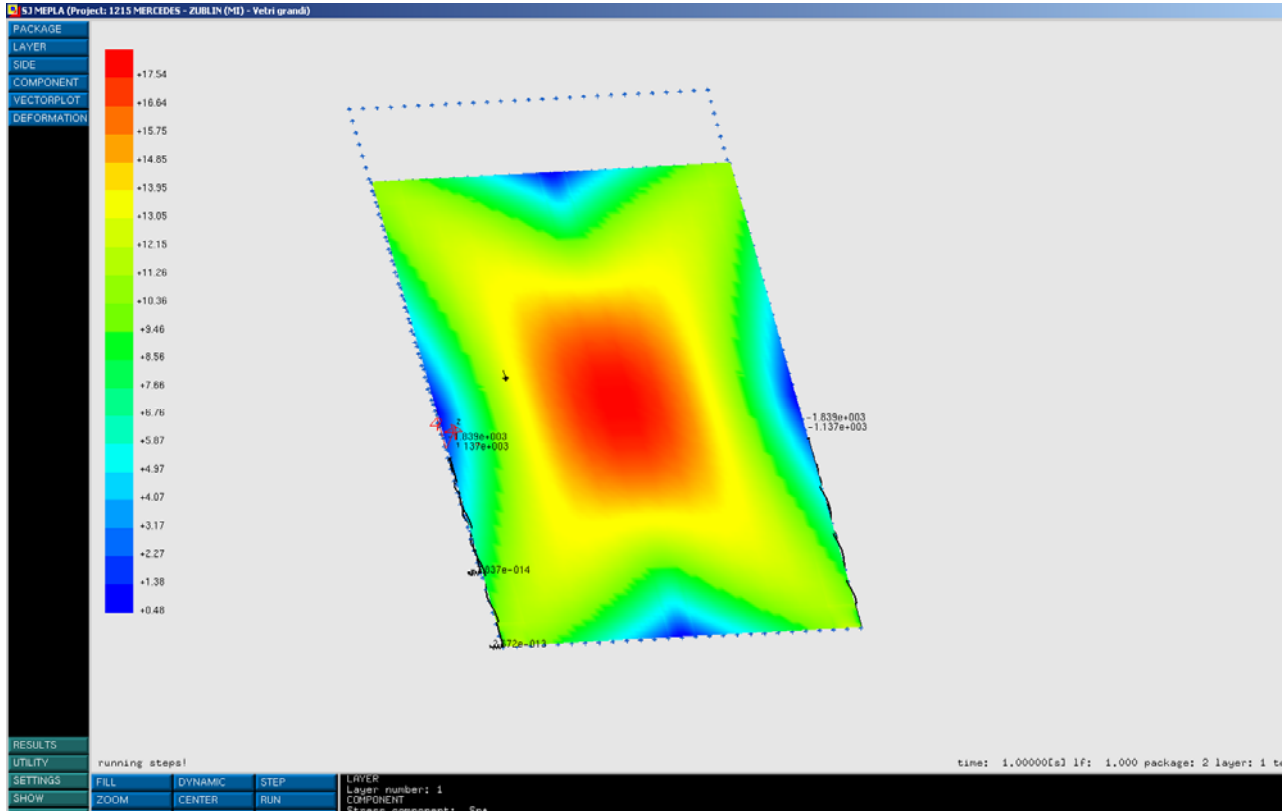
STAHLBAU PICHLER GmbH-Srl

Via Edison Straße15
MILANO
39100 Bozen
Tel.0471/065000 - Fax 0471/065001
E-Mail: info@stahlbaupichler.com

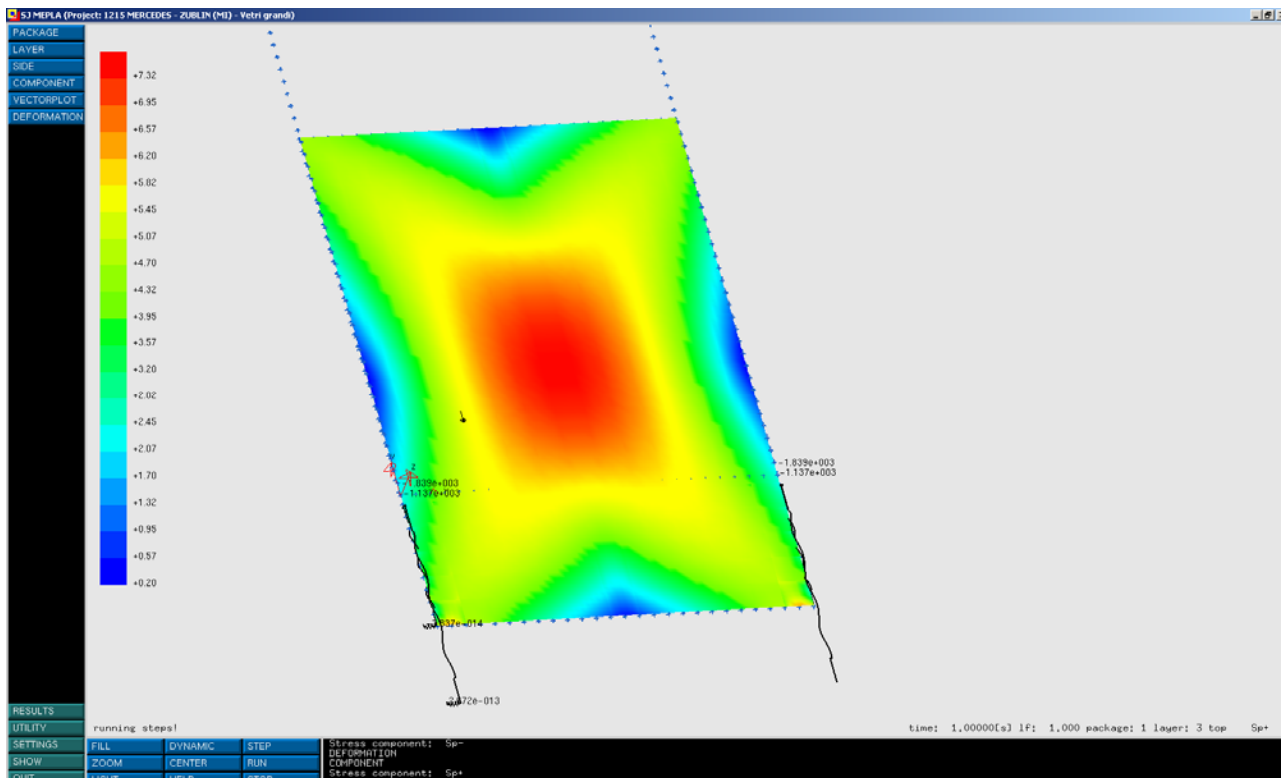
PROGETTO: MERCEDES BENZ CENTER

facciate acciaio- vetro

$\sigma_{\max}$ lastra esterna = 17.54 MPa < 50 MPa Temperato (dimensionamento adeguato)



$\sigma_{\max}$ lastra interna = 7,3 MPa < 15.7 MPa float (dimensionamento adeguato)



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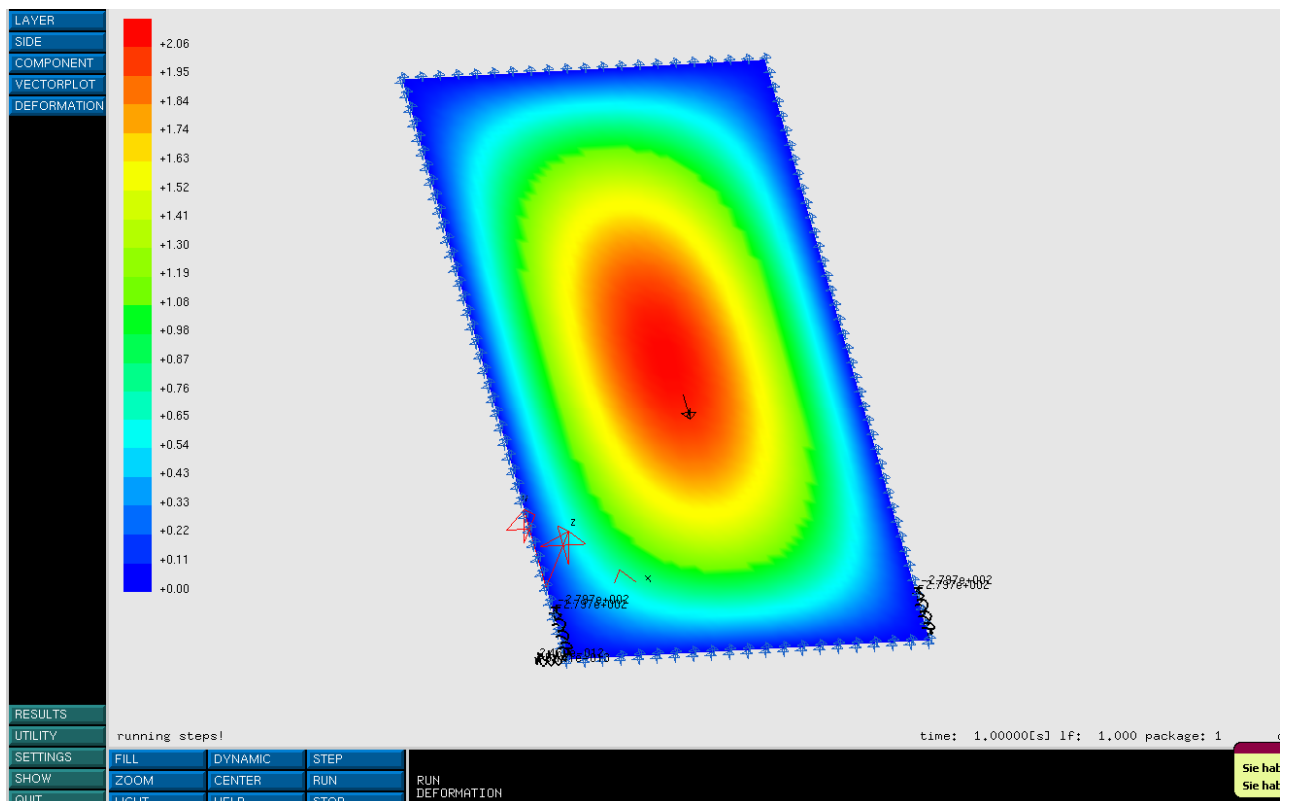
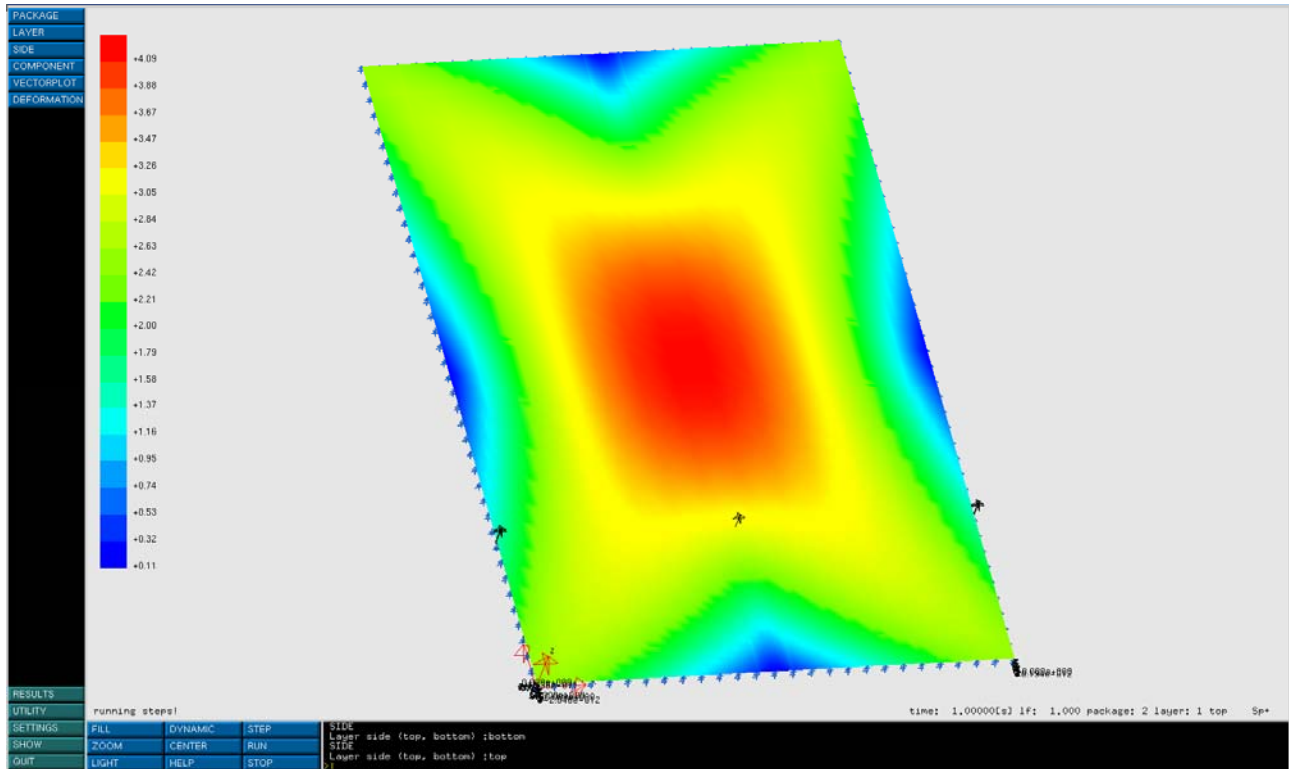
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MILANO
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facciate acciaio- vetro

Per questa tipologia di vetro è stato analizzato anche il caso di spinta a parapetto con carico lineare di 1kN/m [2] applicato ad 1m di altezza:

$\sigma_{\max}$ lastra esterna = 4.1 MPa < 50 MPa Temperato (dimensionamento adeguato)



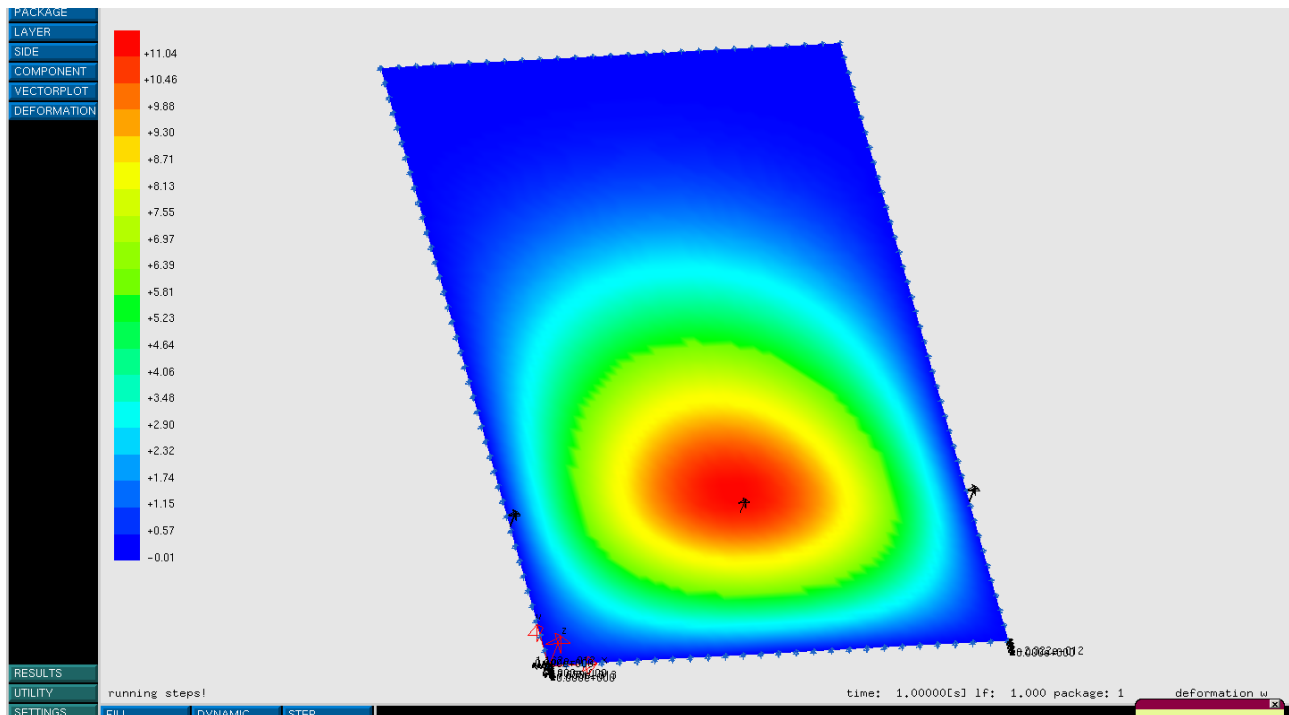
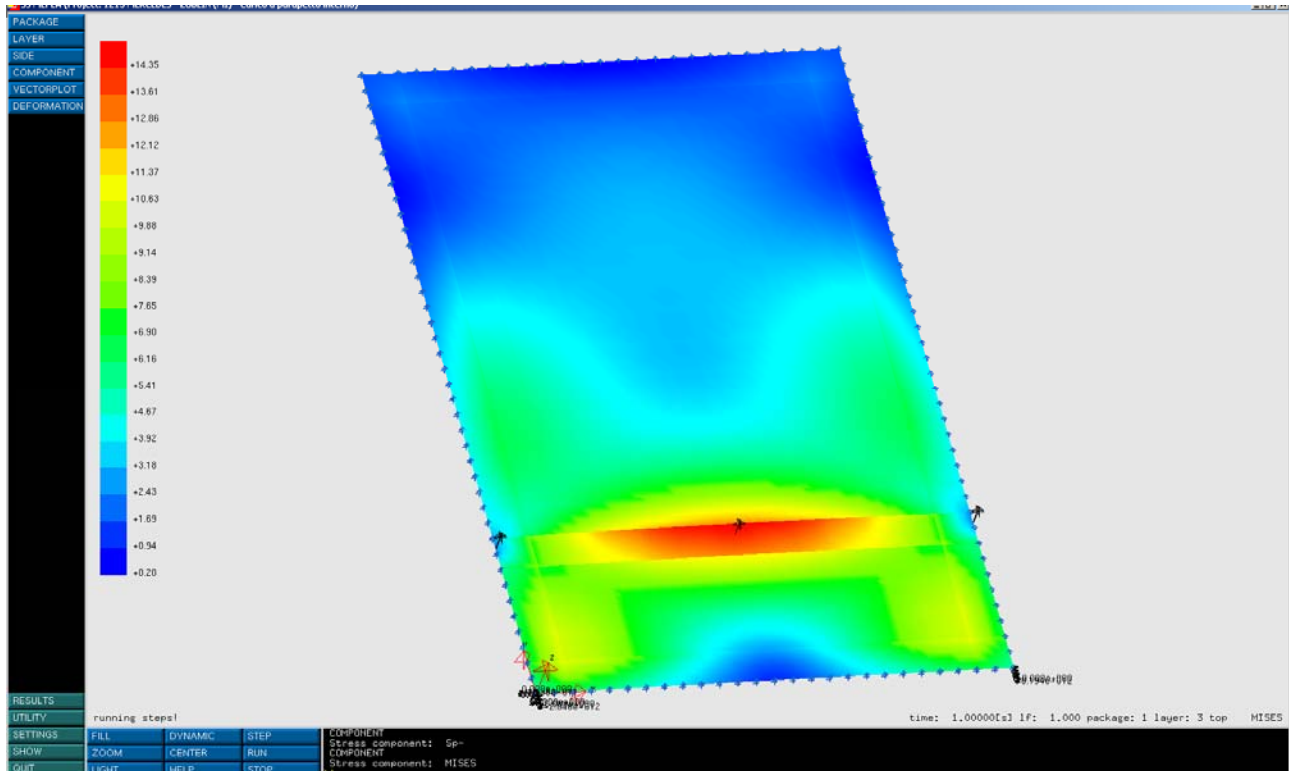
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MILANO
39100 Bozen
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facciate acciaio- vetro

$\sigma_{\max}$ lastra interna = 14.4 MPa < 15.7 MPa float (dimensionamento adeguato)



$f_{\max}$ lastra interna = 11 mm (dimensionamento adeguato)

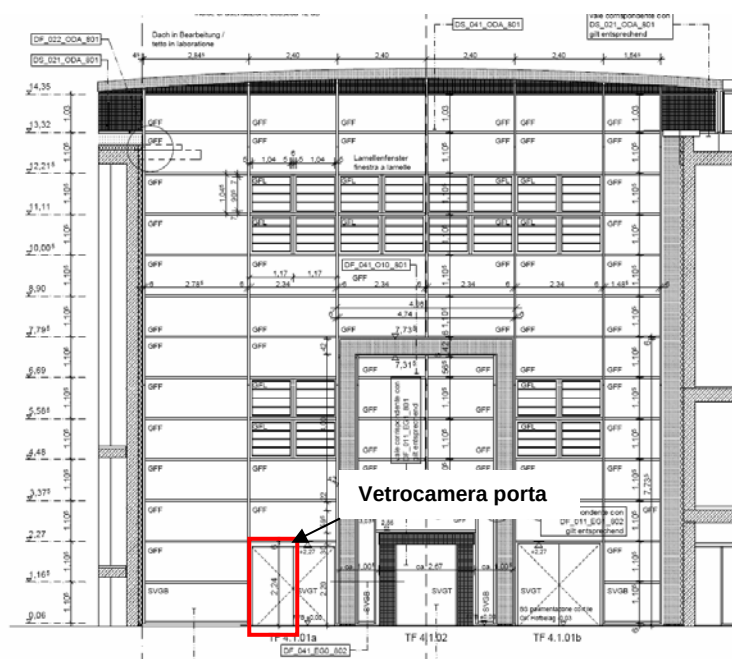
1.2 Isolierglas Türen Typ 4 (1200mm x 2240mm)

Vetrocamera porte tipologia 4 (1200mm x 2240mm)

Lastra stratificata esterna: 4+4mm, float

Lastra stratificata interna: 4+4mm, float

Condizioni di vincolo: vincolato su 4 lati



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E-Mail: info@stahlbaupichler.com

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$\sigma_{\max} = 4.4 \text{ MPa} < 15.7 \text{ MPa}$ float (dimensionamento adeguato)

