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nZEB u obnovi / TRESS

Tehnička rješenja za energetsku
i statičku sanaciju zgrada

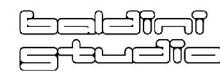
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ALUKÖNIGSTAHL
SCHÜCO JANSSEN



ZAJEDNICA
DAVATELJA PVC SUSTAVA
ZA GRAĐEVINSKU STOLARIJU
Hrvatska gospodarska komora



REPUBLIKA HRVATSKA
Ministarstvo prostornog
uredjenja, graditeljstva i
državne imovine



BOSCH
Tehnologija za život

knaufinsulation

profine
INTERNATIONAL PROFINE GROUP
KBE KÖNIGSLAND TROCAL

Wienerberger

CEF
SVEUČILIŠTE U ZAGREBU
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UNIVERSITY OF ZAGREB
FACULTY OF CIVIL ENGINEERING

SCHÖCK
Pouzdanost nosi

VELUX

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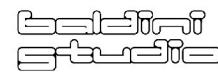


Iskustva u sanaciji zgrada od potresa u Italiji

Luca Albertario



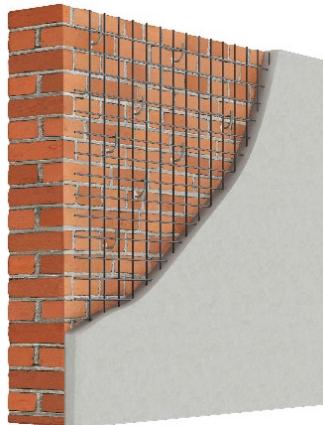
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OJAČANJE

Tradicionalno ojačanje
torkretiranjem



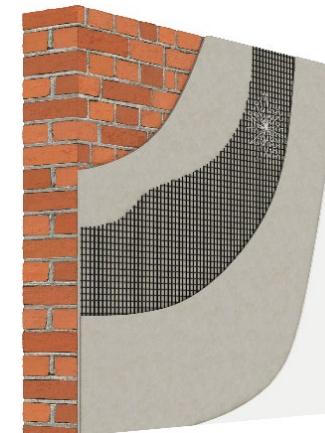
Debljina sloja min 5 cm
Mala kompatibilnost s podlogom
Korozija
Veliki broj sidara

CRM
Composite Reinforced
Mortars



Debljina sloja 3,5-5 cm
Metalne ili AR staklene mreže
Mehanička kompatibilnost
Veliki broj sidara

FRCM
Fabric Reinforced Cementitious
Matrix



Debljina sloja 1,5 cm
Visokokvalitetno ojačanje (staklena
vlakna, bazalt, karbon)
Velika prionjivost
Mala potreba za sidrenjem

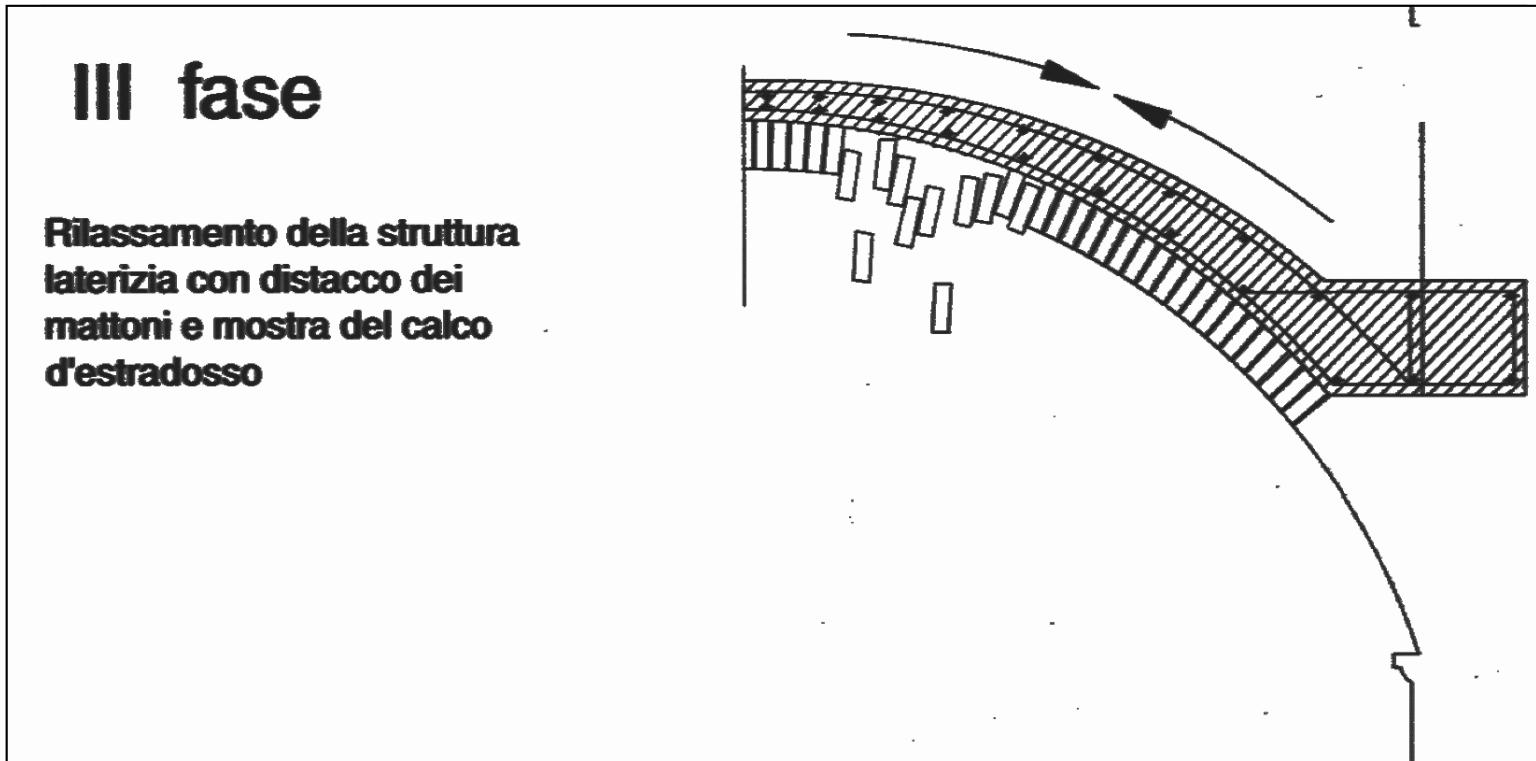


Damage in a masonry building in Nocera Umbra after the 1997 earthquake



- (1997) Repair and investigation techniques for stone masonry walls. Binda L, Modena C, Baronio G, Abbaneo S
- Experimental evaluation of the in-plane shear behaviour of masonry walls retrofitted using conventional and innovative methods. Corradi M, Borri A, Vignoli A (2008)
- Masonry wall panels retrofitted with thermal-insulating GFRP-reinforced jacketing Antonio Borri . Marco Corradi Romina Sisti . Cinzia Buratti .
- Elisa Belloni . Elisa Moretti

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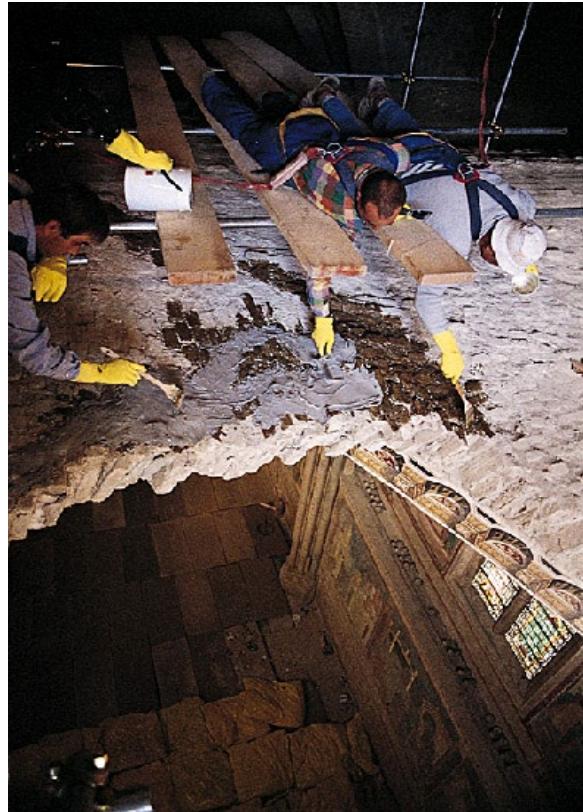
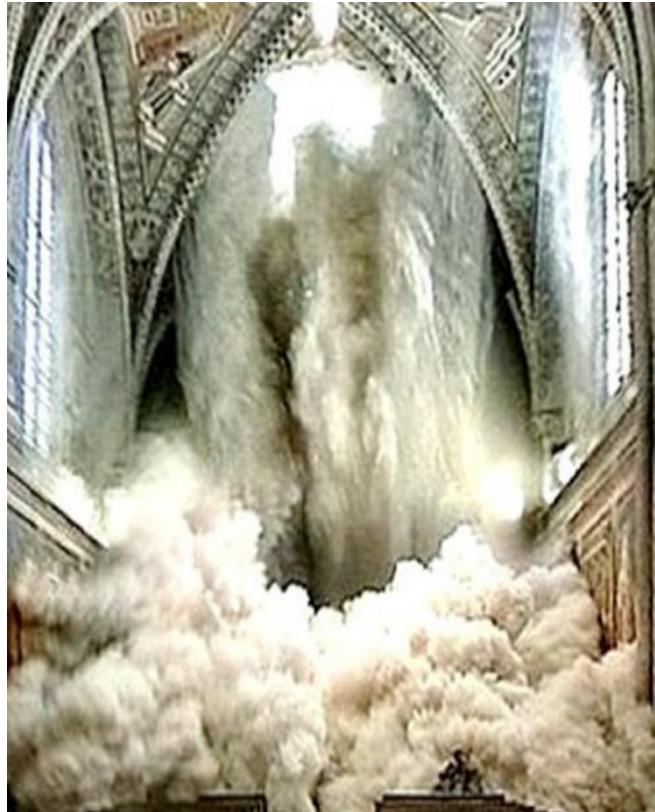


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Reference

Basilica di San Francesco D'Assisi, Assisi - 1997



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Reference

Reggio Emilia - 2012



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KLASTER
nZEB.hr

Reference

Camerino – 2016



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Reference

L'Aquila – 2009 - 309 deaths - 80.000 evacuated



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Reference

Ex Convento San Domenico – L'Aquila (Italy) – 2004



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Reference

L'Aquila – 2009 – FRCM applications



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Reference

Convento de Tlayacapan, Mexico – 2019-20



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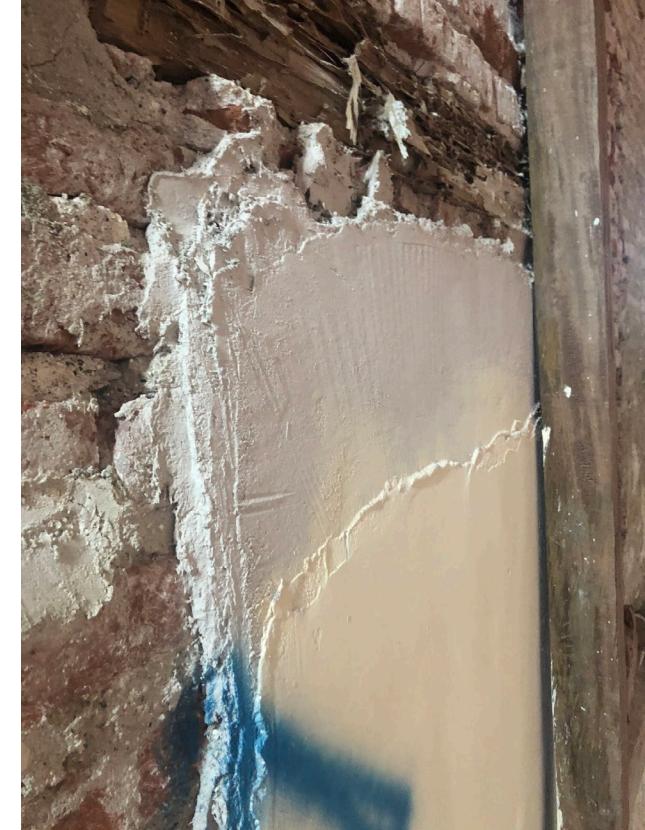
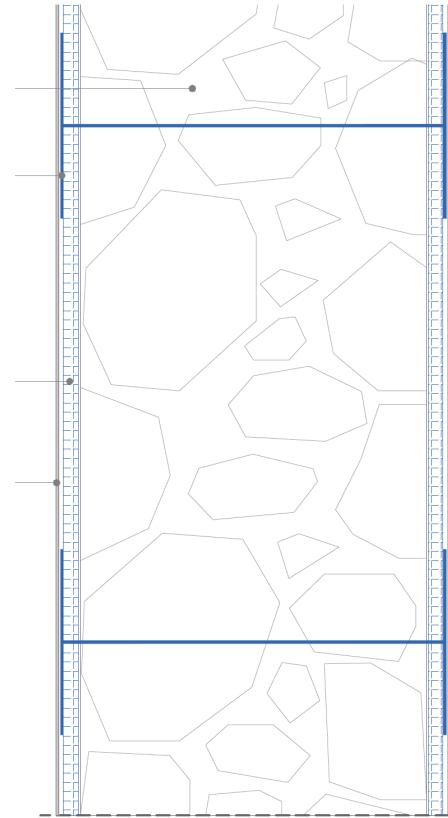


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Reference

Antiguo Club Cartagena, Colombia – 2019-20



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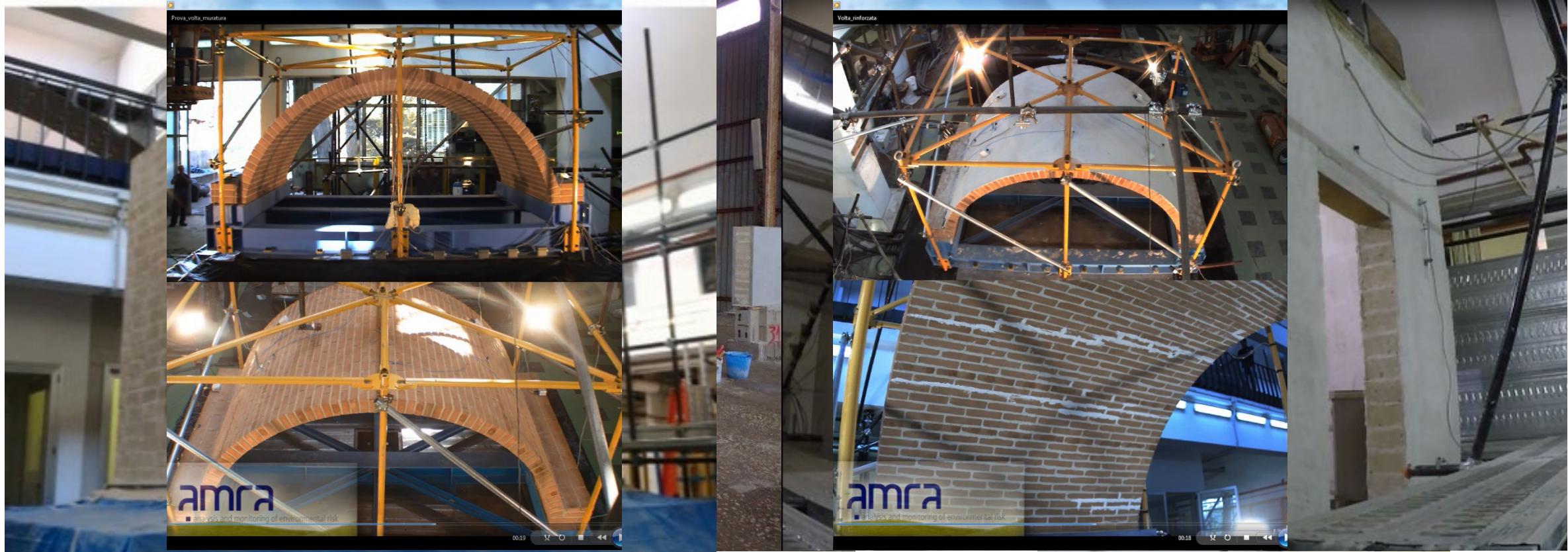


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Experimental campaign

CRM and FRCM test



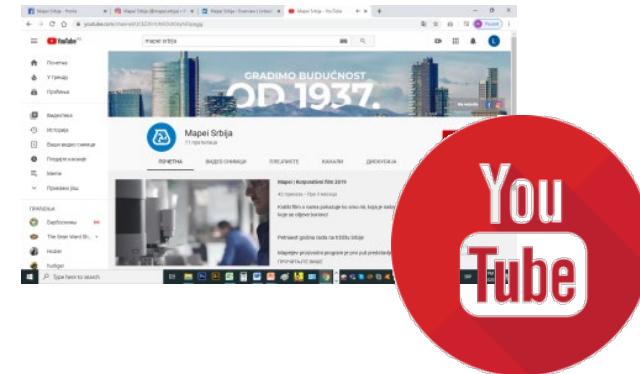
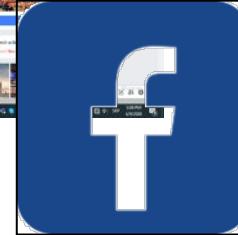
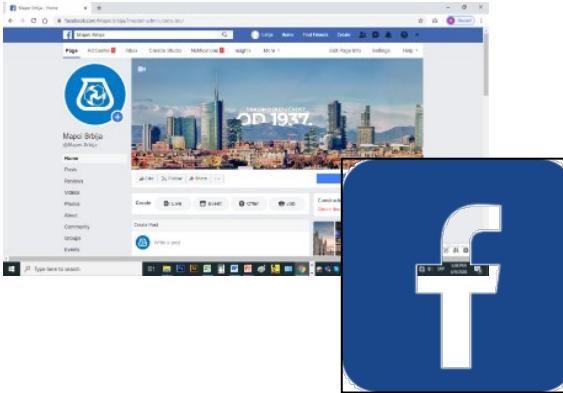
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SVE NOVOSTI PRATITE NA NAŠIM DRUŠTVENIM MREŽAMA



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HVALA NA PAŽNJI!

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