



Heritage Problems. Causes. Solutions



Erasmus+

Heritage Problems. Causes. Solutions

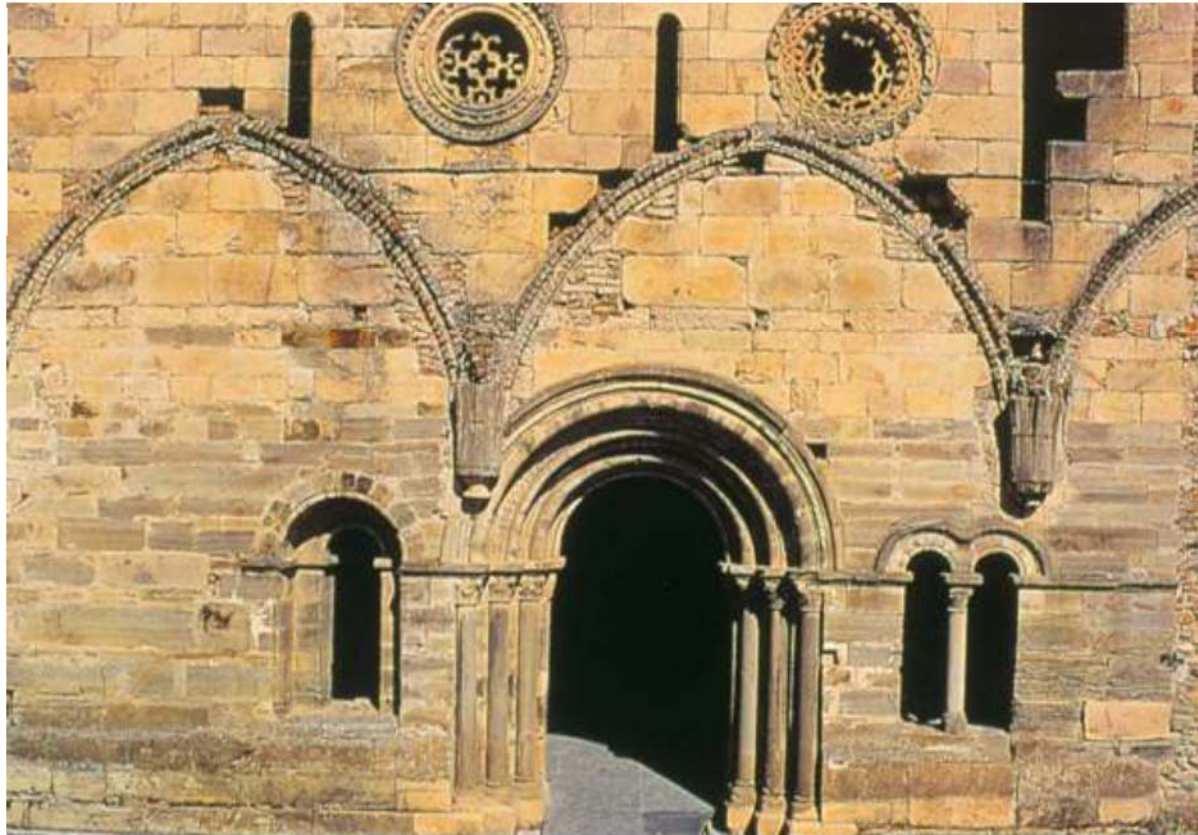
3 ECTS

SH

Sustainable Heritage

EC

Elective Courses



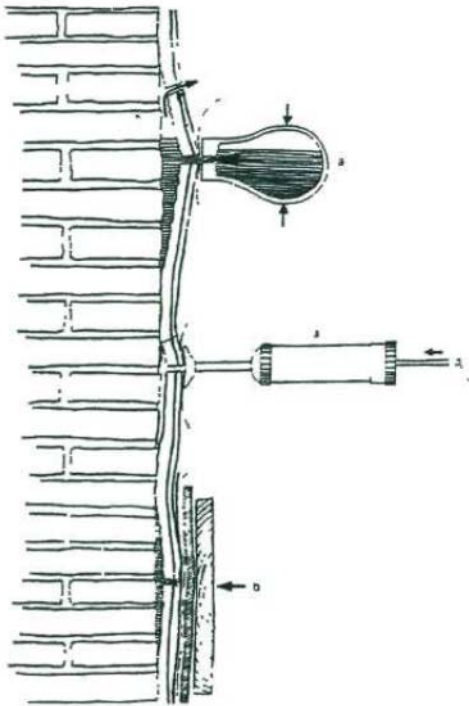
1. INTRODUCTION
2. FOUNDATIONS: DAMAGES
3. FOUNDATIONS: REPAIR SOLUTIONS
4. WALLS: CONSTRUCTIVE SYSTEM
5. WALLS II: PROBLEMS AND CAUSES
6. WALLS III: SOLUTIONS
7. VAULTS: CONSTRUCTIVE SYSTEM
8. VAULTS II: PROBLEMS AND CAUSES
9. VAULTS III: SOLUTIONS
10. FLOORS
11. WOOD
12. ROOFS: CONSTRUCTIVE SYSTEM, PROBLEMS
AND CAUSES
13. ROOFS II: SOLUTIONS
14. OTHER TRADITIONAL STRUCTURES
- 15. SURFACE FINISHES, INTERIOR WOODWORK**

CURRICULAR CONTENTS

HERITAGE PROBLEMS. CAUSES. SOLUTIONS

Heritage Problems. Causes. Solutions

3 ECTS

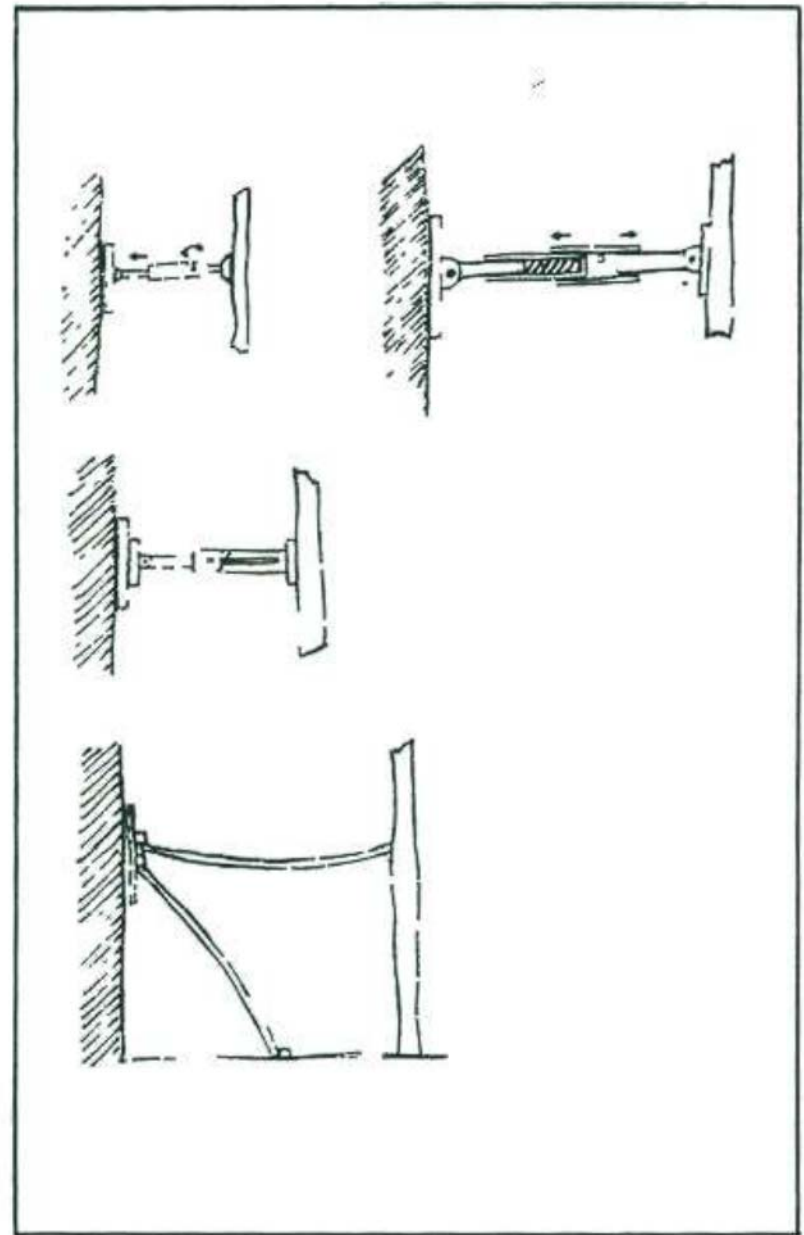
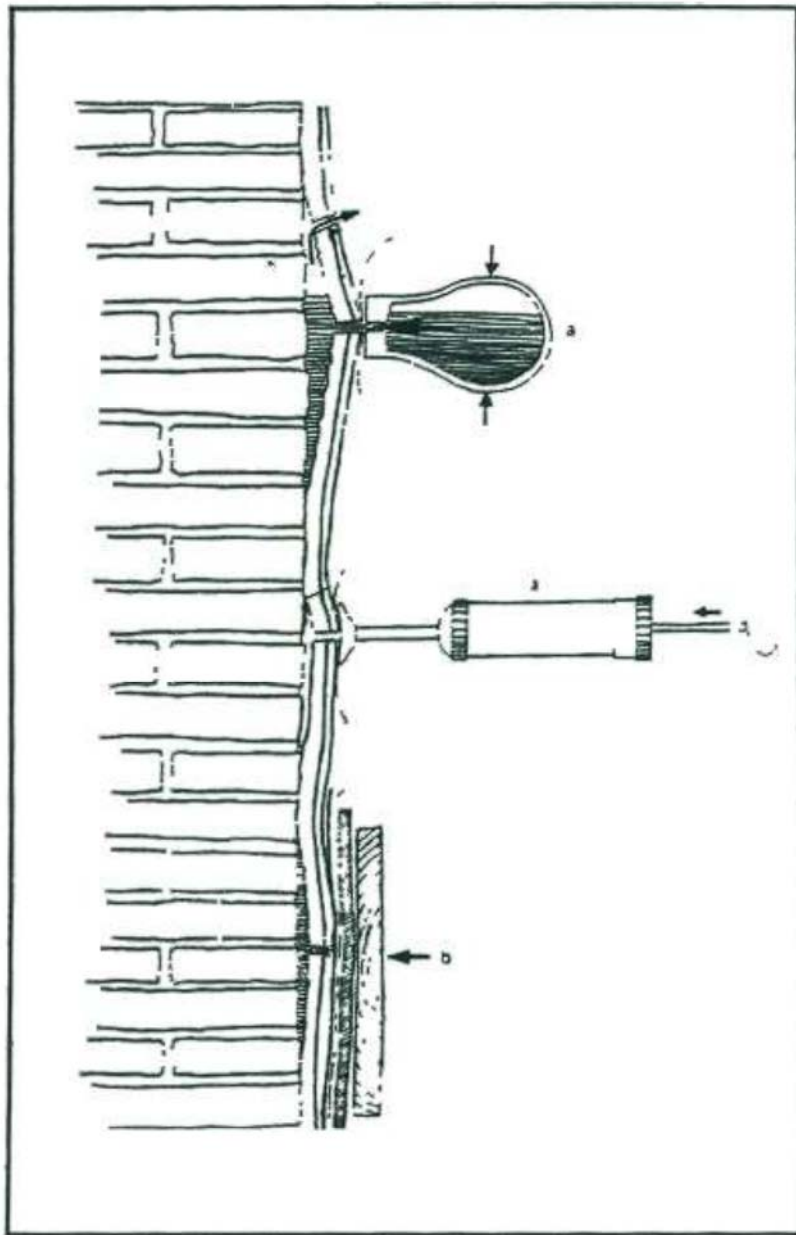


15 SURFACE FINISHES, INTERIOR WOODWORK

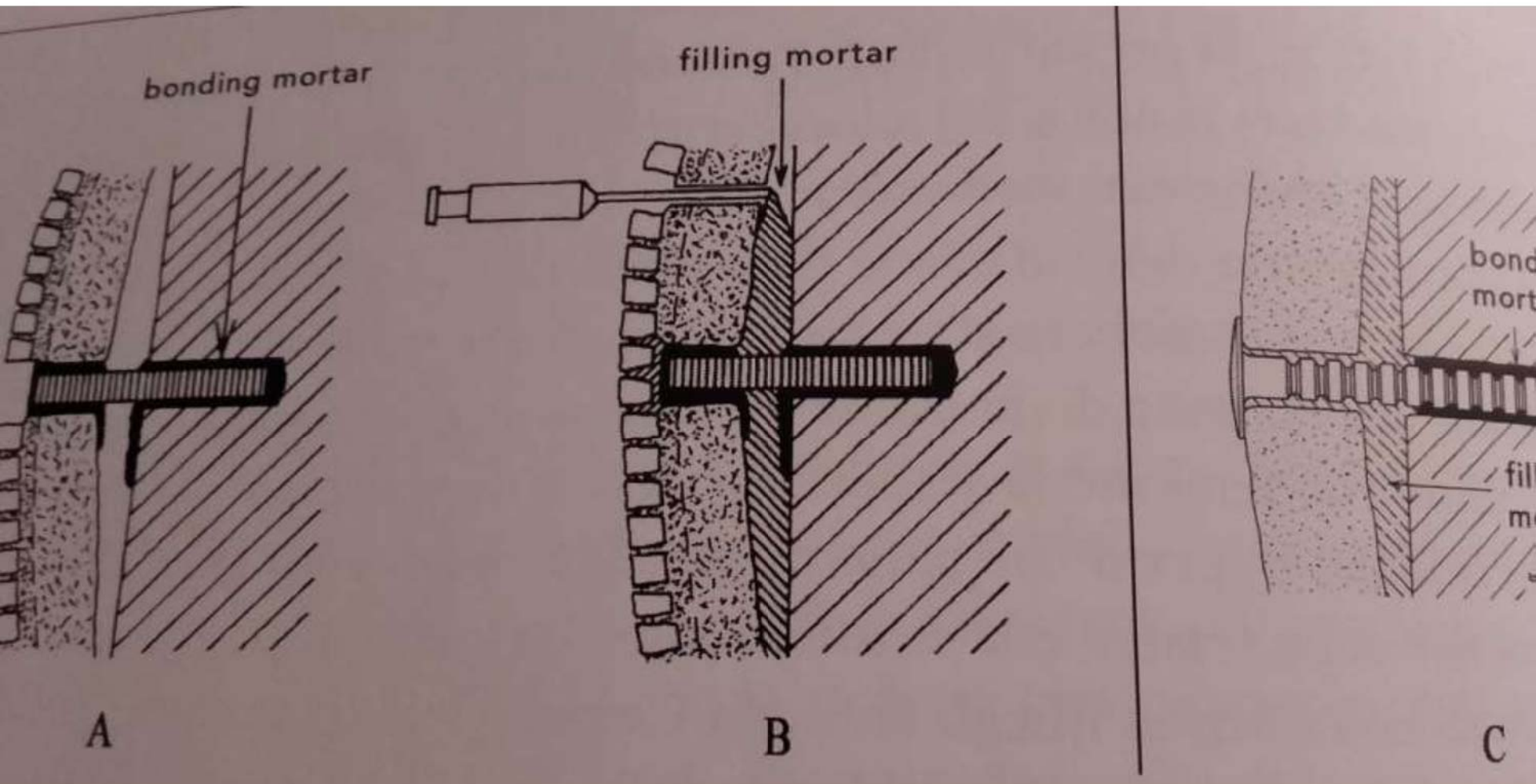
SURFACE FINISHES

- SURFACE CONSOLIDATION
- PLASTER
- PAVEMENTS
- INTERIOR WOODWORK

15 SURFACE FINISHES
SURFACE CONSOLIDATION



SURFACE CONSOLIDATION



SURFACE CONSOLIDATION



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SURFACE CONSOLIDATION

15 SURFACE FINISHES
PLASTER



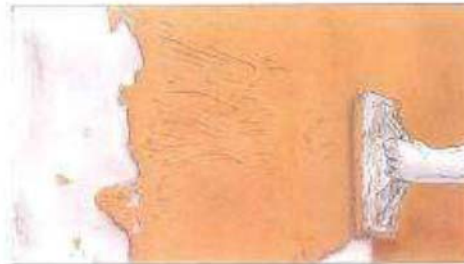
6. Tendido de la primera capa con el frasco de madera.



7. Trabajo de las juntas con el frasco.



Manejo del paletín en el tendido de la primera capa.



9, 10. Tendido de la primera capa.



11. Textura al inicio del fratesado.

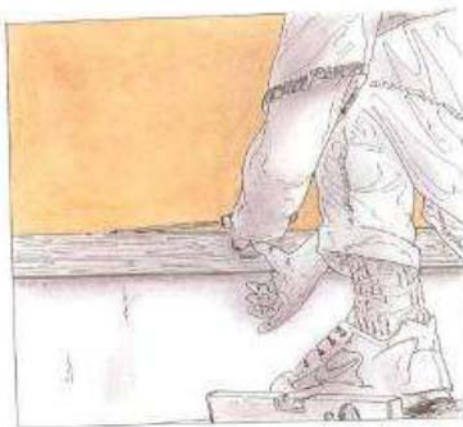
WORK PROCESS:

1. Creation of a floating render with lime mortar in mixed paste or mortar
2. Application of the first layer of lime and marble sand with granulometry of 1.2 mm
3. Floating
4. Application of the second layer of lime and marble sand with granulometry of 0.8 mm
5. Floating
6. Render with lean lime mass and marble sand with 0.8 mm granulometry
7. Floating to achieve a regular surface

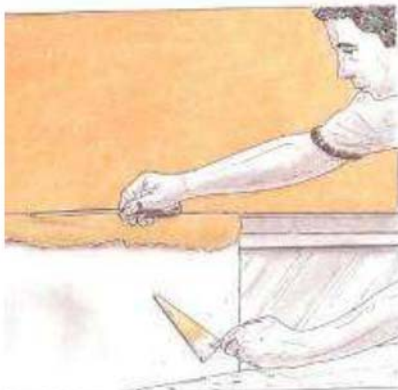
PLASTER. STUCCO
SURFACE FINISHES



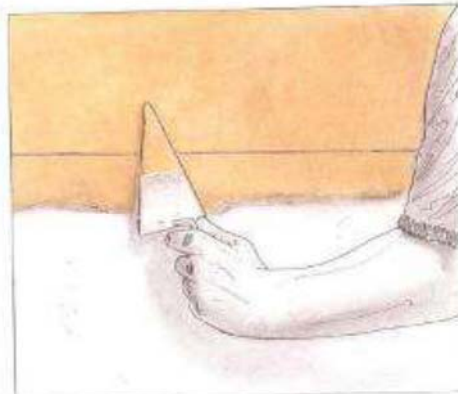
35. Uso de la regla para trazar la junta.



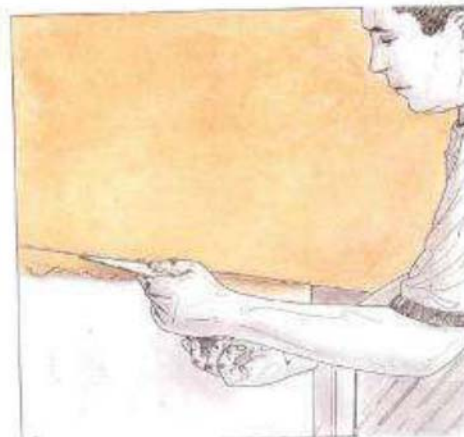
36. Trazado de la junta con punzón.



37. Acido de la junta con punzón.



38. Enraso del material de la junta con el del resto del paramento.



39. Corte del empalme con el paletín.

WORK PROCESS:

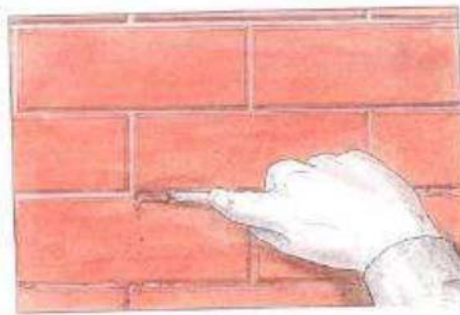
8. Application with the trowel of the third layer or coating of fat mass composed of lime, dust and marble sand with a granulometry of 0.8 mm

9. Re-floating with the grout

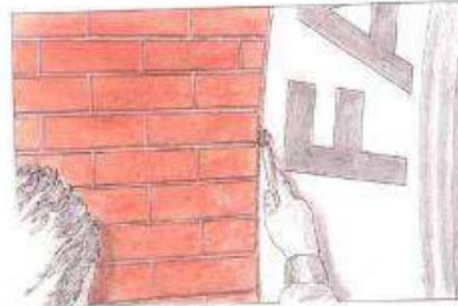
10. Washing the fresh facing with a trowel wet in water, plumb and level

11. Burnished with esparto brush or brush, plumb and level

PLASTER SURFACE FINISHES



4. Limpieza de las juntas con el cangrejo.



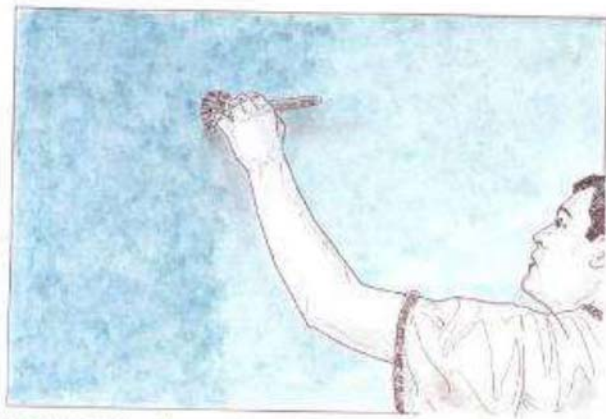
5. Perfilado de las juntas de encuentro con otros materiales.



6. Vista de la fachada terminada con estuco ondulado imitación de ladrillo.

Faux brick stucco can be executed with a red plaster with the joints cut with knife. This type of stucco was very popular during the Baroque, and was even used to cover facades built with low quality brick.

IMITATION STUCCO SURFACE FINISHES



7. Se puede apreciar la diferencia de tonalidad entre la tirada y la cuarta mano de tinta prisa.



8. Colocación de los fierros en la

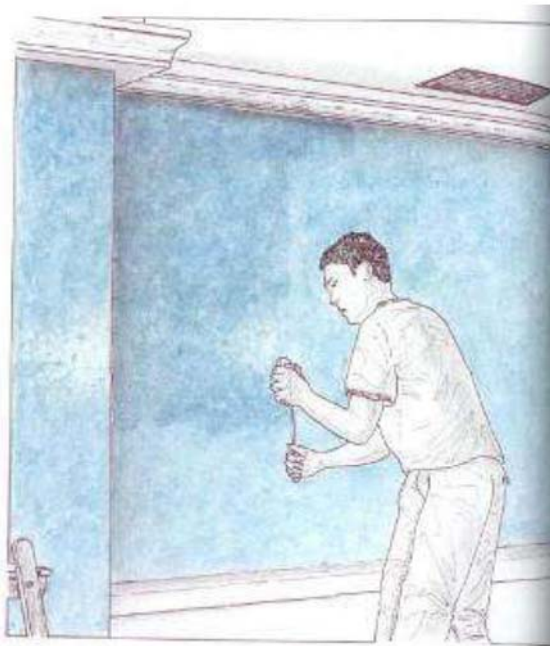
Ironed stucco, also called burnished, hot-ironed stucco or “by fire”, is a technique which surfaces are obtained with an incredibly bright texture, achieved thanks to the heating, with special irons, of coconut soap mixed with water, lime and pigments



9. Primer planchado con hierro basto.



10. Bruido con hierro basto.



11. Repaseado del paramento con hierro fino templado.

TRADITIONAL LIME IRONED STUCCO SURFACE FINISHES

15 SURFACE FINISHES
PAVEMENTS



**PAVEMENTS
OLD AND NEW JOINT
SURFACE FINISHES**



PAVEMENTS
OLD AND NEW JOINT
SURFACE FINISHES



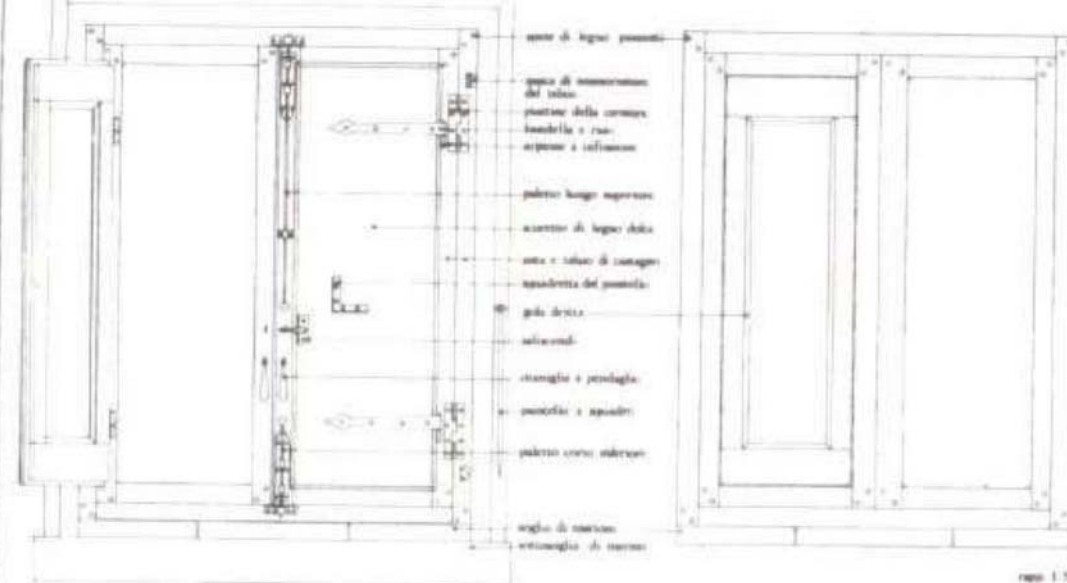
**PAVEMENTS
OLD AND NEW JOINT**

SURFACE FINISHES

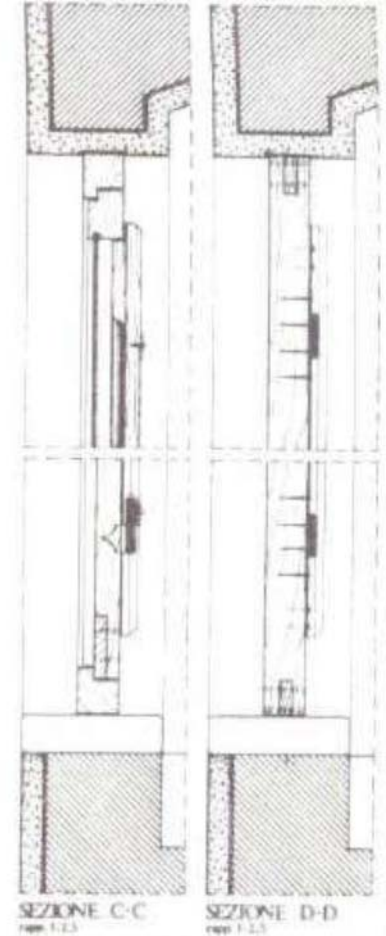
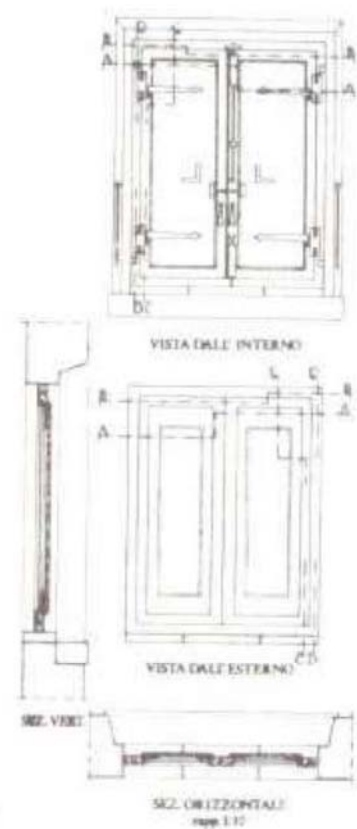
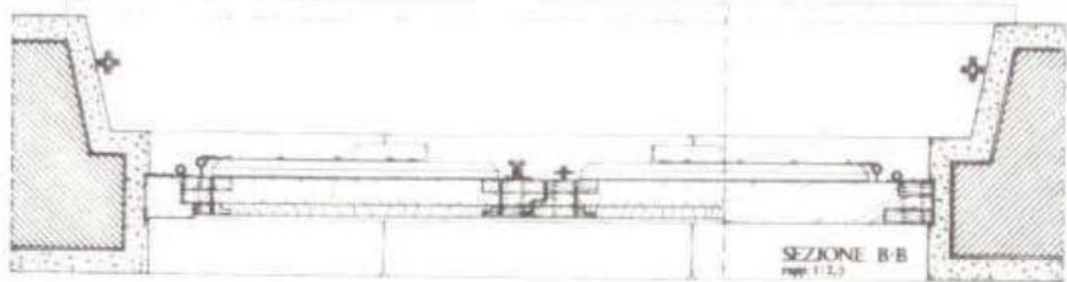
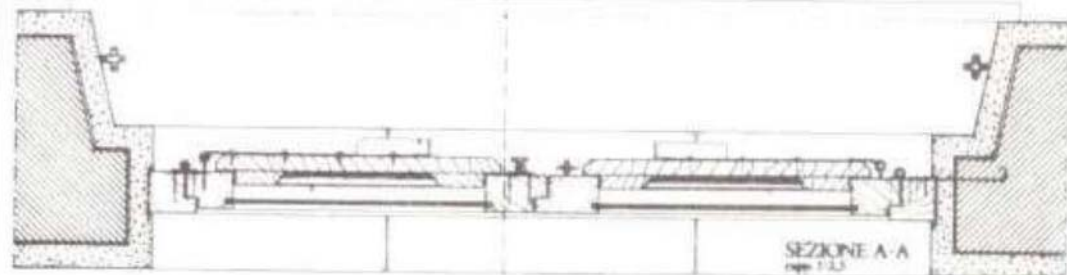


**PAVEMENTS
OLD AND NEW JOINT
SURFACE FINISHES**

15 INTERIOR WOODWORK



figg. 1-5



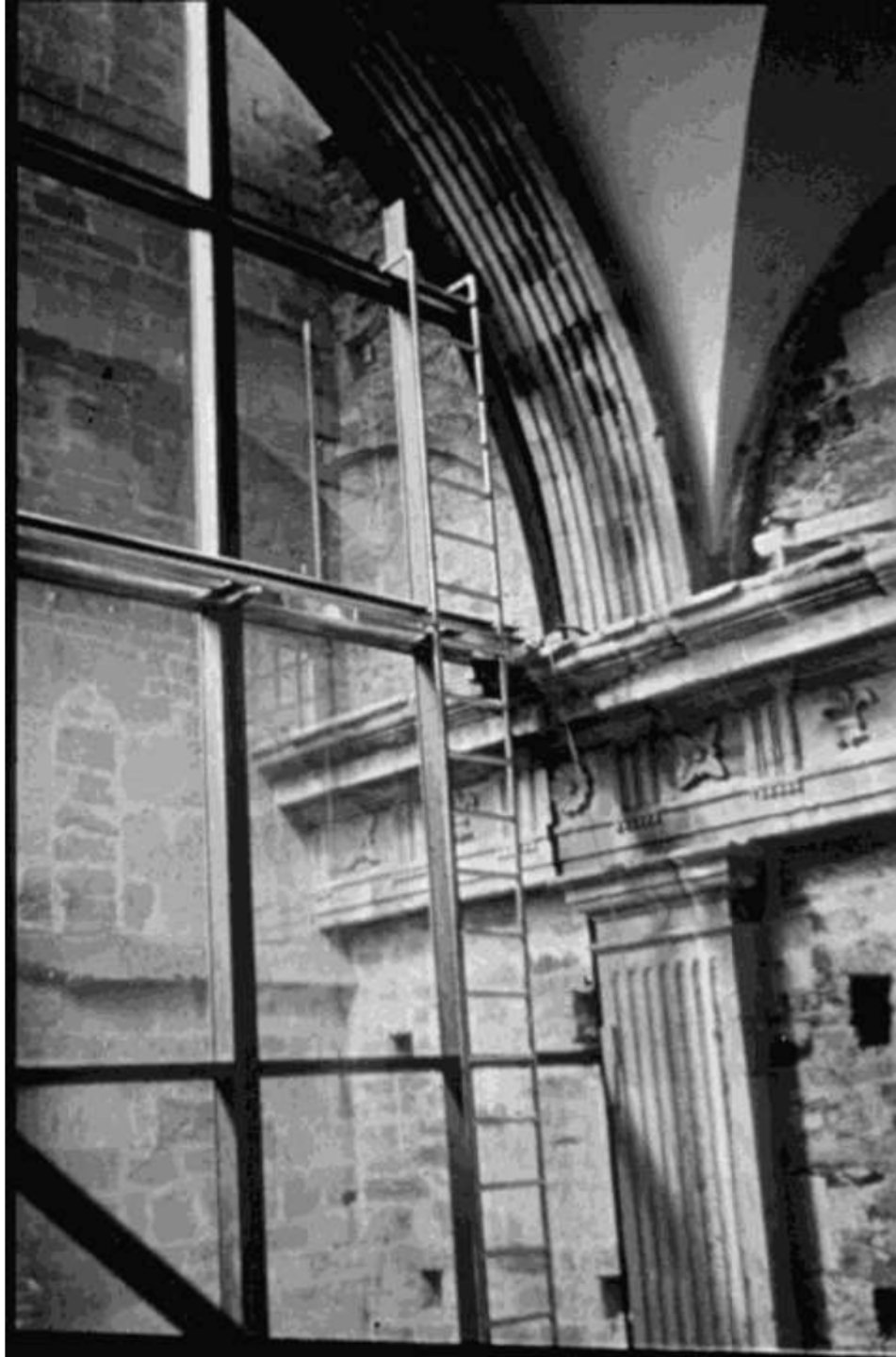
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LEGENDA - I materiali sono indicati con le lettere A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.

NOTE - Le dimensioni sono indicate in millimetri e le frazioni sono indicate in decimi di millimetro.

WINDOW OF MEZZANINE INTERIOR WOODWORK





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