I 9,11/12 Casa di Amarantus

Sample no. 1

Room 12/5, east wall, below the floor level.
Location H. 0.45, 0.80 from the NE corner.
Decoration Yellow ochre at the socle.
Layer Layer with decoration. Covered by A 2.
Photo Film 1/18, Film 10/6.

Plaster Black and white, lots of crystals
Binder Slightly yellowish lime, grainy, with some lumps of white lime
Filler Compact: mainly irregular rounded, small black, grey, and brown, a few pale yellow, ca. 0.5-0.7 mm. Some large grey more than 2-3 mm.
Porous: few red.
Crystalline: many “broken black”, long, uncoloured, olive green 0.5-1 mm.

Stucco Red stucco, ca 4 mm
Lime Lime with red particles
Filler

Plaster type A 1 (group A)

Notes
Small particles between a few larger. A sample taken at the north wall, below the last floor level, has the same kind of plaster. Febr. 04: Very few green. Unclean lime. May 05: OK

Sample analysed at CNR-ICVBC.
Placed in the same group are: PS1, PS11, A1, A3, A52b, F1, C1: group 1.1.
Correlation: PS1, PS11, A1, A3, A52b, F1, C1: group A.

Groups 1.1 and 1.2 are comprised in the larger group A.

I 9,11/12 Casa di Amarantus

Sample no. 2
Room 12/5.
Location H. 1.25, 0.03 from the NE corner.
Decoration 4th style.
Layer Layer with decoration.
Covering A 1.
Photo Film 1/18.

Plaster Sandy brown plaster
Binder Dirty, sandy lime with lumps of white lime.
Filler Compact: large and small black, brown 0.5-1.5 mm, and a few yellow 0.5-1 mm.
Porous: lots of crushed porous red, a few 0.5-2 mm.
Crystalline: uncoloured, a few olive green, less than 0.5 mm.

Stucco Red stucco, ca. 3 mm.

Plaster type A 2 (group G)

Notes
Dirty plaster. Good proportion large/small particles. Lack of lime.
Decoration on east wall and parts of north and south walls, and over the edge towards room 2. There is also a small decorated area on the west side of the room. Febr. 04: Lots of red particles. May 05. OK.

Sample analysed at CNR-ICVBC.
Placed in the same group are: A2, A52c: group 4.1.
Correlation: A2, A52c: group G.
I 9,11/12 Casa di Amarantus

Sample no. 3
Room 12/2, west wall.
Location H. 0.70, 0.63 from the NE corner. Another sample, not registered, was taken on the west wall. It has the same kind of plaster.
Decoration Smooth plaster.
Layer Layer blocked behind the north wall. Covered by A 4.
Photo Film 1/12.

Plaster Black and white, lots of crystals
Binder Unclean lime with lumps.
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 1

Notes

Sample analysed at CNR-ICVBC.
Placed in the same group are: PS1, PS11, A1, A3, A52b, F1, C1: group 1.1.
Correlation: PS1, PS11, A1, A3, A52b, F1, C1: group A.

Groups 1.1 and 1.2 are comprised in the larger group A.

Room 2: Earliest phase: plaster type A 1 (group A). West wall: layer blocked behind the north wall. The same kind of plaster was used at the possible impluvium. Second phase: plaster type A 4 (group B). North wall: over the NW corner to the west wall. Decoration (white wall, red socle), covering plaster type A1. Last phase: plaster type A 6 (group E). North wall: constructions with basins at each side of the entrance to tablinum room 5.
I 9,11/12 Casa di Amarantus

Sample no. 4
Room 12/2, north wall.
Location H. 0.95, 0.04 from the NW corner.
Decoration White and red decoration.
Layer Upper layer with decoration.
Photo Film 10/7.

Plaster
Black and white, large grains
Binder White lime with a lot of lumps, a bit too much lime.
Filler Compact: Mainly round, black, brown, beige 0.5-1 mm, some very large grey, more than 2.5 mm.
Porous: A few volcanic red, very small (dust).
Crystalline: broken black, uncoloured c. 0.5 mm. A few yellow less than 0.5 mm.

Stucco
Lime
Filler

Plaster type A 4 (group B)

Notes
Very few crystals, no green. This plaster was used for the red decoration at the socle level on the north wall. It was used for the white decoration at the upper level, which continues over the corner to the west wall (sample taken at H. 1.23, 0.18 from SW corner). Febr. 04: Very similar to A1 but has larger grains and rather clean lime. Same kind of plaster as nos. 12, 28, 34, 35, 40.
I 9,11/12 Casa di Amarantus

<table>
<thead>
<tr>
<th>Sample no.</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Room</strong></td>
<td>12/4, north wall.</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>H. 0.78, 0.14 from the SE edge.</td>
</tr>
<tr>
<td><strong>Decoration</strong></td>
<td>Undecorated plaster.</td>
</tr>
<tr>
<td><strong>Layer</strong></td>
<td>Layer covered by A 6.</td>
</tr>
<tr>
<td><strong>Photo</strong></td>
<td>Film 9/8.</td>
</tr>
</tbody>
</table>

**Plaster**

<table>
<thead>
<tr>
<th><strong>Binder</strong></th>
<th>Black and white, lots of crystals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Filler</strong></td>
<td>Compact:</td>
</tr>
<tr>
<td></td>
<td>Porous:</td>
</tr>
<tr>
<td></td>
<td>Crystalline:</td>
</tr>
</tbody>
</table>

**Stucco**

<table>
<thead>
<tr>
<th><strong>Lime</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Filler</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Notes**

Some very large grey grains. This kind of plaster was also used on the west wall (the layer with pick marks), covered by plaster type A 8. Febr. 04: Same filler as A1, some more lime. 2 green crystals. Similar to A4. The same kind of plaster as nos. 13, 37, 38. Nos. 25 and 26 have whiter lime. Similar to no. 21.

**Room 12/4:**

*Earliest phase:* plaster type A 1 (group A). North and east walls: layer with pick-marks.

*Second phase:* plaster type A 6 (group E). North wall: at the entrance to room 2. Repair?

Sample no. 6

Room 12/4, north wall, at the north side of the door.

Location H. 0.52, at the edge.

Decoration Layer with red stucco.

Layer Covering no. 5. Covered by no. 8.

Photo Film 10/8.

Plaster Many colours, lots of yellow

Binder Unclean lime with airbags

Filler Compact: mainly round black, brown, beige and brown 0.5-1.5 mm.

Many yellow 0.5-1.5 mm. Some very large beige and brown. Porous: volcanic red and orange, c. 0.5 mm.

Crystalline: uncoloured 0.5 mm, yellow, orange, 0.5-2 mm and bright yellow, c. 0.5 mm.

Stucco Red stucco, ca. 2-3 mm.

Lime

Filler

Plaster type A 6 (group E)

Notes

Large grains, lack of small. Black grains with orange dots, black grains with red dots. This plaster covers plaster type A1, and it is covered by plaster type A8. It was found only at one side of the door, and only on a very small area, suggesting a repair. Febr. 04: Filler with warm colours, brown, beige, red, transparent uncoloured and yellow crystals. Yellowish lime. May 05: Same group as BI7, PS3, F4, C7, TA3, E1, TV2.

Sample analysed at CNR-ICVBC.

Placed in the same group are: BI12, BI7, BI18, PS6, C19, F21b, F6, F4, A6, A13, A16: group 3.1.

Correlation: BI7, BI12, PS6, C19, F4, F6, F21, A6, A13, A16: group E.

BI18: group D.
I 9,11/12 Casa di Amarantus

Sample no.  7
Room       12/4, west wall.
Location   H. 1.23, 1.10 from the NW corner.
Decoration Remains of decoration at the lower level on all walls.
Layer      Layer with pick-marks. Covered by plaster type A 8.
Photo      Film 10/9.

Plaster     Black and white, lots of crystals
Binder

Filler
Compact:
Porous:
Crystalline:

Stucco

Lime

Filler

Plaster type A 1

Notes
Febr. 04: OK. May 05: Dirty sample. Some very large grey grains.
I 9,11/12 Casa di Amarantus

Sample no. 8
Room 12/4, north wall.
Location H. 0.58, 0.13 from the east edge.
Decoration -
Layer Upper layer.
Covering A6 and covering the wall.
Photo Film 10/8.

Plaster Sandy grey plaster, lime lumps
Binder Unclean lime with many lumps, some very large.
Filler Compact: black, grey, brown, 0.2-1.5 mm.
Porous: volcanic red, dust and some yellowish, 0.5-1.5 mm.
Crystalline: mainly dust, a few uncoloured, 0.5 mm.

Stucco
Lime
Filler

Plaster type A 8 (group H)

Notes
Large and small particles, a lot of “dust” in many colours. Similar to A 2 but not so brown, and more lime. Paint flake in the plaster. This plaster covers a layer of plaster type A 1 (with pick-marks) on west wall. The same kind of plaster at floor level on part of south wall. Feb. 04: Not as brown as A2 and not so many red particles. Lots of very small “crushed” grains. Yellowish calcite particles. May 05: same group as PS10, TA6, TJ2, E10.

Sample analysed at CNR-ICVBC.
Placed in the same group are: B19, BI9N, PS15, PS10, A8, A31, A52d: group reused plasters.
Correlation: B19, PS10, PS15, A8, A31, A52d: group H.

Sample BI9N was an additional sample for crosschecking at the ICVBC.
I 9,11/12 Casa di Amarantus

Sample no. 9
Room 12/7, east wall.
Location H. 0.73, 0.24 from the SE corner.
Decoration Undecorated plaster.
Layer Layer covered by no.10.
Photo Film 1/19.

Plaster Black and white, lots of crystals
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 1

Notes
A 1 with much lime
Febr. 04: Very similar to sample no. 1, more lime and lumps of lime. The same as no. 5.

Last phase: plaster type A 2 (group G). 4th style decoration, ochre yellow walls, black socle, on all walls.
I 9,11/12 Casa di Amarantus

Sample no. 10
Room 12/7, east wall.
Location H. 0.63, 0.26 from the SE corner. Another sample, not registered, was taken at the south wall, h. 0.50, 0.10 from SE corner. It was the same kind of plaster.
Decoration 4th style. Decoration on all walls.
Layer Layer with decoration.
Covering no. 9.
Photo Film 1/19.

Plaster Sandy brown plaster
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 2

Notes
Sandy brown plaster. Decoration, black socle with flowers and birds.
Febr. 04: OK, same as A2.
I 9,11/12 Casa di Amarantus

<table>
<thead>
<tr>
<th>Sample no.</th>
<th>11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>12/8B.</td>
</tr>
<tr>
<td>Location</td>
<td>H. 1.87, 1.05 from the south edge, north of the entrance to room 10.</td>
</tr>
<tr>
<td>Decoration</td>
<td>Smooth layer.</td>
</tr>
<tr>
<td>Layer</td>
<td>Layer blocked in the original opening to room 10.</td>
</tr>
<tr>
<td>Photo</td>
<td>Film 10/10.</td>
</tr>
</tbody>
</table>

**Plaster**

- **Black and white, lots of crystals**

  **Binder**
  - Compact:

  **Filler**
  - Porous:
  - Crystalline:

**Stucco**

- **Lime**
- **Filler**

**Plaster type**

- A 1

**Notes**

Black and white. The same plaster continues on the wall to the left of the original entrance. *Febr. 04: OK.*

**Room 8B:**


*Third phase:* plaster type A 6 (group E). East wall: in the niche and on the wall (2nd reduction).

I 9,11/12 Casa di Amarantus

Sample no.  12
Room  12/8B, east wall.
Location  H. 1.73, 0.95 from SE corner, north of entrance to room 10.
Decoration  Smooth layer.
Layer  Upper layer, blocked in the first reduction of the door.
Photo  Film 10/12.

Plaster  Black and white, large grains
Binder  White lime with a lot of lumps, a bit too much lime.
Filler  Compact: Mainly round, black, brown, beige 1-2.5 mm, some very large grey, more than 3 mm.
        Porous: A few volcanic red, very small (dust).
        Crystalline: uncoloured, less than 0.5 mm, broken black. A few yellow, less than 0.5 mm.

Stucco
Lime
Filler

Plaster type  A 4

Notes
Very few crystals, no gree..
Febr. 04: Very similar to A 4. Larger grains. More grey grains. Same kind of lime.
I 9,11/12 Casa di Amarantus

Sample no.  13

Room  12/8B, east wall, in the niche, north of entrance to room 10.

Position  H. 0.08, 0.10, in the niche, from the edge. Another sample, not registered, was taken, south of the niche, h. 1.68, 0.12 from the niche. It has the same kind of plaster.

Decoration

Layer  Layer in the niche and on east wall, south of the niche (second reduction).

Photo  Film 10/11.

Plaster  Many colours, lots of yellow

Binder

Filler  Compact:

Porous:

Crystalline:

Stucco

Lime

Filler

Plaster type  A 6

Notes

Large and small grains, many colours, many red and yellow, dirty plaster. This layer continues on the east wall. Febr. 04: Unclean lime with some white lumps. Some very large black/dark grey.
I 9,11/12 Casa di Amarantus

Sample no. 14
Room 12/8B, east wall, south side of the entrance to room 10.
Location H. 1.25, 0.19 from the west edge.
H. 2.57, 0.73 from the entrance to room 10.
Decoration Small remain on a block, in the entrance.
Photo Film 9/11. Film 10/2.

Plaster Black and white, lots of crystals
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 1

Notes Similar to A 1 and A 4.
Febr. 04: Many checks. Very similar to A 1. Similar to A 4, but A4 has whiter lime, more lime. The same as no. 11. This plaster is a remnant on a reused block. It belongs to an earlier construction period.
I 9,11/12 Casa di Amarantus

Sample no.  15
Room 11/4A, south wall
Position H. 0.29, 1.83 from SE corner.
Decoration White decoration.
Layer Layer continuing below the floor level.
Photo Film 9/13.

Plaster Black and white, lots of crystals
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 1

Notes
White lime, mainly black small particles between large. Many small volcanic red. Green and broken black crystals. Black grains with red dots, red with black dots. Febr. 04:
Similar to A4. Same as no. 11.

Sample analysed at CNR-ICVBC.
Placed in the same group are: A15, A52a: group 1.2.
Correlation: A15, A52a: group A.

Groups 1.1 and 1.2 are comprised in the larger group A.


Room 11/4B: Last phase: plaster type A 6 (group E). On all walls.

I 9,11/12 Casa di Amarantus

Sample no.  16
Room  11/4A, south wall.
Location  H. 0.29, 1.34 from the SW corner.
Decoration  Red decoration.
Layer  Upper layer, continuing on the west wall.
Photo  Film 10/13.

Plaster  Many colours, lots of yellow
Binder
Filler  Compact:
       Porous:
       Crystalline:

Stucco
Lime
Filler

Plaster type  A 6

Notes
Yellow and bright yellow particles. White lime with airbags. Febr. 04: OK. Same as A 6, same red stucco.

Sample analysed at CNR-ICVBC.
Placed in the same group are:  B112, B17, B118, PS6, C19, F21b, F6, F4, A6, A13, A16: group 3.1.
Correlation:  B17, B112, PS6, C19, F4, F6, F21, A6, A13, A16: group E.
            B118: group D.
I 9,11/12 Casa di Amarantus

Sample no. 17
Room 11/4C west wall.
Location H. 0.67, 0.13 at the NW corner.
Decoration Layer blocked behind a later construction. Covered by no. 18.
Photo Film 9/14.

Plaster Black and white, lots of crystals
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 1

Notes Same as A 14. Febr. 04: Very similar to A1. Same kind of plaster as nos. 14, 19, 24.
Sample no.  18
 Room  11/4C, west wall.
 Location  H. 0.55, at the NW corner.
 Decoration  Red decoration.
 Layer  Layer with decoration covering A 17.
 Photo  Film 9/14.

Plaster  Many colours, lots of yellow
 Binder
 Filler  Compact:
 Porous:
 Crystalline:

Stucco
 Lime
 Filler

Plaster type  A 6

Notes
Black grains with large orange dots.
Decoration on all walls in room 11/4C. Febr. 04: OK.
I 9,11/12 Casa di Amarantus

Sample no. 19
Room 12/6, south wall.
Location H. 1.03, 0.46 from the SE corner (above floor level).
Another sample, not registered, taken at H. 0.52, 0.49 from the SE corner, below floor level, has the same kind of plaster.

Decoration
Layer
Photo Film 10/18.

Plaster Black and white, lots of crystals
Binder White, slightly yellowish lime with air bags.
Filler Compact: mainly round, black grey, brown and beige.
Porous: a few volcanic red, less than 0.5 mm.
Crystalline: uncoloured and olive green c. 0.5 mm, broken black, a few small orange.

Stucco
Lime
Filler

Plaster type A 1

Notes

Last phase: South wall: layer covering type plaster type A 1. Repair.
I 9,11/12 Casa di Amarantus

Sample no. 20
Room 12/6, south wall.
Position H. 2.18, 0.71 from SE corner.
Decoration
Layer Small area of remaining plaster.
Photo Film 10/19.

Plaster
Binder
Filler Compact: black and grey.
Porous: small volcanic red.
Crystalline: broken black.

Stucco
Lime
Filler

Plaster type preparation

Notes
Hard. Extremely dirty, lime with lots of sand.
Febr. 04: preparation.
I 9,11/12 Casa di Amarants

Sample no.  21
Room  12/6, west wall.
Location  H. 1.40, 1.05 from the NW edge.
Decoration  Layer covering the wall.
Photo  Film 10/20.

Plaster  Black and white
Binder  
Filler  Compact:
Porous:
Crystalline:

Stucco
Lime  
Filler  

Plaster type  A6

Notes
Many red and yellow particles.
Feb. 04: Mainly very small particles, lack of large. Some very large dark grey. Clean, yellowish lime, too little. Same filler as A13. Same as A6, smaller grains.
Sample no. 22

- **Room**: 12/9, east wall.
- **Location**: H. 0.65, 0.55 from the NE edge.
- **Decoration**: Upper layer.
- **Photo**: Film 10/22.

**Plaster**

- **Type**: Sandy grey plaster, lime lumps
- **Binder**: Compact:
- **Filler**: Porous: Crystalline:

**Stucco**

- **Lime**
- **Filler**

**Plaster type** A 8

**Notes**

*Febr. 04*: Same as A10.

**Room 12/9**: *Earliest phase*: plaster type A 4 (group B). North wall.  
*Last phase*: plaster type A 8 (group H). East wall.
I 9,11/12 Casa di Amarantus

Sample no.  23
Room       12/9, north wall.
Location   H. 1.58, 0.21 from the NW corner.
Decoration Layer Layer on the door frame and in the blocked door.
Photo      Film 10/21.

Plaster    Black and white, large grains
Binder
Filler  Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 4

Notes
Frail plaster. White lime, a bit too much. Large particles, very large grey grains.
Febr. 04: The same as A4.
I 9,11/12 Casa di Amarantus

Sample no. 24
Room 11/5C, west wall.
Location H. 0.95, 0.19 from the NW corner.
Decoration Layer Layer blocked behind a later construction.
Photo Film 10/23.

Plaster Black and white, lots of crystals
Binder
Filler

Stucco
Lime
Filler

Plaster type A 1

Notes
Febr. 04: Very similar to A1. Same kind of plaster as nos. 11, 17, 19.

Room 11/5C: Earliest phase: plaster type A 1 (group A). West wall: layer blocked behind a later construction.
Last phase: plaster type A 6 (group E). NW corner: layer continuing on a small area on the north and west walls.
I 9,11/12 Casa di Amarantus

Sample no. 25
Room 11/5C.
Position H. 1.07 at the NW corner.
Decoration Layer at the NW corner continuing on small areas on the north and west walls. Covering no. 24.
Photo Film 10/23.

Plaster Many colours, lots of yellow
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 6

Notes
The same as sample no. 13
Febr. 04: White, clean lime, much lime with lumps. Large and small grains, warm colours, some very large grey. Filler similar to A6 and no. 13. Beautiful sample. A 6 with much lime.
**Sample no. 26**

**Room** 11/5C, west wall.

**Location** H. 1.29 in the SW corner.

**Decoration** Layer in the corner.

**Photo** Film 10/24.

**Plaster**

- Many colours, lots of yellow

  **Binder**

  **Filler**

  - Compact:
  - Porous:
  - Crystalline:

**Stucco**

- Lime

- Filler

**Plaster type** A 6

**Notes**

Large white lime lumps. Lots of yellow and red particles.

*Febr. 04*: The same as no. 25. A6 with much lime. Beautiful sample.
I 9,11/12 Casa di Amarantus

Sample no.  27
Room 11/1, east wall.
Location H. 0.75, 1.17 from the SE corner.
Decoration -
Layer layer on a large block in the wall.
Covered by no. 28.
Photo Film 10/27.

Plaster Black and white, lots of crystals
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 1

Notes
Febr. 04: Very similar to A1, some more red particles. Same as no. 15.

Fifth phase: plaster type A 8 (group H). East wall: layer covering plaster type A 4 with pick-marks.
Last phase: plaster type A 31 (group H). East wall: upper layer with red stucco.
**I 9,11/12 Casa di Amarantus**

**Sample no. 28**

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>11/1, east wall.</td>
</tr>
<tr>
<td>Location</td>
<td>H. 0.44, 0.93 from the SE corner.</td>
</tr>
<tr>
<td></td>
<td>H. 0.86, 1.18 from the SE corner.</td>
</tr>
<tr>
<td>Decoration</td>
<td>First layer on the east wall.</td>
</tr>
<tr>
<td></td>
<td>Covering no. 27.</td>
</tr>
<tr>
<td>Photo</td>
<td>Film 10/27.</td>
</tr>
</tbody>
</table>

**Plaster**  
**Black and white, large grains**

**Binder**  
Slightly yellowish lime with some lumps.

**Filler**  
*Compact*: mainly large, round, black, grey, beige 0.5-2 mm, a few large beige.

*Porous*: volcanic red 0.5-1.5 mm.

*Crystalline*: very few, uncoloured and olive green ca. 0.5 mm. Broken black.

**Stucco**

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lime</td>
<td></td>
</tr>
<tr>
<td>Filler</td>
<td></td>
</tr>
</tbody>
</table>

**Plaster type**  
A 4

**Notes**
Lack of small particles. Dirty A 4. The second sample is from a layer that continues behind a blocked door, covering no. 27. A new sample, 40, taken below floor level, taken for crosschecking, is of the same kind as no. 28.

*Febr. 04*: The same kind of plaster as no. 12. Larger grains than A 4, same kind of lime.
I 9,11/12 Casa di Amarantus

Sample no. 29

Room 11/2, east wall.

Location H. 0.58, 2.85 from the SE corner.

Decoration Pink plaster, red decoration.

Layer Third layer, with pick-marks.

Covering no. 28.

Photo Film 10/26.

Plaster Sandy brown plaster

Binder Dirty lime. large lumps of white lime.

Filler Compact:

Porous: A lot of small volcanic red.

Crystalline:

Stucco pink/red stucco

Lime

Filler

Plaster type A 2

Notes

Very dirty. Good proportion between large and small particles.

Febr. 04: OK.
I 9,11/12 Casa di Amarantus

Sample no.  30
Room   11/1, east wall.
Location  H. 0.60, 2.80 from SE corner.
Decoration
Layer   Layer covering no. 29.
Photo   Film 10/25.

Plaster  Sandy grey plaster, lime lumps
Binder
Filler  Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type  A 8

Notes
The same kind of plaster as A 8.
Febr. 04: OK.
I 9,11/12 Casa di Amarantus

Sample no. 31
Room 11/1, east wall.
Location H. 0.88, 0.57 from the SE corner.
H. 0.76, 0.28 from the SE corner.
Decoration Layer Upper layer with red stucco (pink surface). Covering no. 30.
Photo Film 10/27.

<table>
<thead>
<tr>
<th>Plaster</th>
<th>Sandy plaster, crushed materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binder</td>
<td>Dirty lime with some lumps.</td>
</tr>
<tr>
<td>Filler</td>
<td>Compact: mainly black, grey and brown, c. 0.5 mm.</td>
</tr>
<tr>
<td></td>
<td>Porous: lots of porous red, yellow, orange.</td>
</tr>
<tr>
<td></td>
<td>Crystalline:</td>
</tr>
</tbody>
</table>

Stucco
Lime
Filler

Plaster type A 31 (group H)

Notes
This plaster is very similar to A 8, looks just as dirty and has the same colour, but does not have the same kind of large lime lumps. It is also similar to A 2 in composition, i.e. it is a rather homogeneous plaster with fine-grained filler, but it is not as brown. This plaster, which came up at the last moment of sampling, will, for the moment, be considered as the plaster latest applied.
Febr. 04: Very similar to A8. Lots of crushed material, yellow, orange. Dirty lime with some lumps. Small particles between large. Kind of A8 with more large particles.
May 05: The two upper plaster layers (types A 8 and A 31) may belong to one phase. In that case, A 31 is the pinkish decoration layer.

Sample analysed at CNR-ICVBC.
Placed in the same group are: BI9, BI9N, PS15, PS10, A8, A31, A52d: group reused plasters.
Correlation: BI9, PS10, PS15, A8, A31, A52d: group H.
### I 9,11/12 Casa di Amarantus

#### Sample no. 32

<table>
<thead>
<tr>
<th>Room</th>
<th>12/8B, east wall.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>2.57, 0.73 S of entrance to room 10. Outside room 10.</td>
</tr>
<tr>
<td>Decoration</td>
<td>Layer blocked in the reduction of the opening at the south side of the entrance to room 10.</td>
</tr>
<tr>
<td>Photo</td>
<td>Film 11/2.</td>
</tr>
</tbody>
</table>

#### Plaster

<table>
<thead>
<tr>
<th>Binder</th>
<th>Black and white, lots of crystals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filler</td>
<td>Compact:</td>
</tr>
<tr>
<td></td>
<td>Porous:</td>
</tr>
<tr>
<td></td>
<td>Crystalline:</td>
</tr>
</tbody>
</table>

#### Stucco

<table>
<thead>
<tr>
<th>Lime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filler</td>
</tr>
</tbody>
</table>

**Plaster type** A 1

#### Notes

This sample was taken at the presumed upper angle of the original entrance.  
*Febr. 04*: Small grains, mainly black. The same as nos. 11, 14.
I 9,11/12 Casa di Amarantus

Sample no. 33

Room 12/8B, east wall.
Location H. 1.65, 1.20, south of the entrance to room 10.
Outside room 10.

Decoration Layer Upper layer, covering no. 34 and large areas of the wall below the sampling area.

Photo Film 11/2, 4.

Plaster Sandy grey plaster, lime lumps

Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 8

Notes
This is a greyish plaster with inclusions of various materials; pieces of glass, marble, terracotta, ceramics etc. (1 sample to CNR).
Febr. 04: The same as no. 30.
I 9,11/12 Casa di Amarantus

Sample no. 34
Room 12/8B, east wall.
Location H. 1.24, 1.75, south of the entrance to room 10. Between rooms 9 and 10.
Decoration Layer Upper layer, covered by no. 33. South of the previous layer.
Photo Film 11/3, 4.

Plaster Black and white, large grains
Binder
Filler Compact
Porous
Crystalline

Stucco
Lime
Filler

Plaster type A 4

Notes
Febr. 04: Similar to no. 12, small grains, mainly black. Black grains with red dots. Transparent uncoloured crystals. A few volcanic red. Early black-and white plaster with round, rather large grains. Many grey, few colours.
I 9,11/12 Casa di Amarantus

Sample no. 35
Room 12/8B.
Location H. 1.66, 1.85, south of the entrance to room 10, north of the entrance to room 9.
Decoration Layer Upper layer, south of the previous layer (34).
Photo Film 11/3, 4.

Plaster Black and white, large grains
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 4

Notes
Febr. 04: The same as no. 34.
I 9,11/12 Casa di Amarantus

Sample no. 36

Room 12/8A, east wall.
Location H. 0.42, 0.73, south of the entrance to room 6, north of the entrance to 9. Outside room 9.
Decoration Fragment in the wall with red stucco decoration.
Layer Photo Film 11/1, 4.

Plaster Black and white, large grains

Binder
Filler Compact:
Porous:
Crystalline:

Stucco Lime
Filler

Plaster type A 4

Notes
There are many fragments of plasterwork reused in the south part of east wall. These are visible at the lower part of the east wall in room 8B. The layer above the many fragments (sample no. 35) continues in room 8 A.
Febr. 04: Very similar to A1, more lime. The same kind of plaster as A4.
I 9,11/12 Casa di Amarantus

<table>
<thead>
<tr>
<th>Sample no.</th>
<th>37</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>11/5B, west wall.</td>
</tr>
<tr>
<td>Location</td>
<td>H. 1.22, 0.40 south of the door edge to room 5C.</td>
</tr>
<tr>
<td>Decoration</td>
<td>Plaster seam, on the south part of the wall. Sample taken towards room 5C.</td>
</tr>
<tr>
<td>Photo</td>
<td>Film 11/5.</td>
</tr>
</tbody>
</table>

**Plaster**  Many colours, lots of yellow

<table>
<thead>
<tr>
<th>Binder</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Filler</td>
<td>Compact:</td>
</tr>
<tr>
<td></td>
<td>Porous:</td>
</tr>
<tr>
<td></td>
<td>Crystalline:</td>
</tr>
</tbody>
</table>

**Stucco**  

<table>
<thead>
<tr>
<th>Lime</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Filler</td>
<td></td>
</tr>
</tbody>
</table>

| Plaster type | A 6 |

**Notes**  
*Febr. 04: Smaller particles than A4 and no. 36. Beautiful sample.*
I 9,11/12 Casa di Amarantus

<table>
<thead>
<tr>
<th>Sample no.</th>
<th>38</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Room</strong></td>
<td>11/2, east wall.</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>H. 1.95, 0.85 from SE corner.</td>
</tr>
<tr>
<td><strong>Decoration</strong></td>
<td>White and red.</td>
</tr>
<tr>
<td><strong>Layer</strong></td>
<td>Layer with decoration, blocked behind the south wall. Covered by no. 39.</td>
</tr>
<tr>
<td><strong>Photo</strong></td>
<td>Film 10/25.</td>
</tr>
</tbody>
</table>

**Plaster**  | Sandy grey plaster, lime lumps |

**Binder**  |  |

**Filler**  | Compact: Porous: Crystalline: |

**Stucco**  |  |

**Lime**  |  |

**Filler**  |  |

**Plaster type**  | A 6 |

**Notes**  |
*Febr. 04*: The same kind of plaster as no. 13. Similar to A6, sandy plaster.*
I 9, 11/12 Casa di Amarantus

Sample no. 39
Room 11/2, east wall.
Location H. 1.97, 0.85 from SE corner

Decoration
Layer Plaster with a lot of large particles (glass, marble, terra cotta etc).
Continuing over SE corner.
Covered by plaster type A 31.

Photo Film 10/25.

Plaster Sandy grey plaster, lime lumps
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 8

Notes
This plaster is also on the south wall, west of the door and continuing over the corner.
Looks the same as sample no. 33.
Febr. 04: The same as no. 30. Layer covering no. 38 and covered by no. 31 (pink plaster).
I 9,11/12 Casa di Amarantus

Sample no.  40
Room       11/2, east wall.
Location   H. 0.40, 2.20 from the
           SE corner
Decoration Layer below the floor level.
Layer      Layer below the floor level.
Photo      Film 14; 12,13,14.

Plaster    Black and white, large grains
Binder     Compact:
Filler     Porous:
           Crystalline:
Stucco     Lime
           Filler

Plaster type A 4

Notes
The same as no. 28? The same as no.38?
Febr. 04: The same as no. 28, the same as no. 12.
I 9,11/12 Casa di Amarantus

Sample no.  41
Room  11/1, east wall, on the standing block with layers 27, 28. South of the seams.
Location  H. 0.85, 0.94 from SE corner.
Decoration  -
Layer  remains of plaster.
Photo  Film 14; 12,13,14.

Plaster  Black and white, lots of crystals
Binder
Filler  Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type  A 1

Notes
*Febr. 04:* Black and white. Same as no. 27.
*May 05:* Just a little powder.
I 9,11/12 Casa di Amarantus

Sample no.  42
Room  11/1, east wall, above the standing block.
Location  H. 2.20, 1.32 from SE corner.
Decoration  White decoration.
Layer  White plaster layer above the standing block. Covered by no. 39. The same layer as no. 38 with white and red decoration.
Photo  Film 14; 12,13,14.

Plaster  Many colours, lots of yellow
Binder
Filler  Compact:
  Porous:
  Crystalline:

Stucco
Lime
Filler

Plaster type  A 6

Notes
Febr. 04: Similar to A6, dirty lime. Black and white with many yellow grains. The same kind of plaster as nos. 38, 18. Some very large grey.
I 9,11/12 Casa di Amarantus

Sample no.  43
Room       11/1, south wall.
Location   H. 0.78, 0.02 from SE corner.
Decoration Layer  Plaster layer with red decoration at the socle level.
                  Covering no. 38 at the corner.
                  Covered by no. 39.
Photo      Film 14;12,13,14.

Plaster  Sandy brown plaster
Binder
Filler    Compact:
           Porous:
           Crystalline:

Stucco
Lime
Filler

Plaster type  A 2

Notes
Febr. 04: Looks like the red decoration in room 11/4A. Same as no. 29.
I 9,11/12 Casa di Amarantus

Sample no. 44
Room 11/1, north wall. The wall continues in room 11/4.
Location H. 0.30, 0.48 from the NE corner
Decoration
Layer Plaster at the socle level.
Photo Film 14;15.

Plaster Black and white, lots of crystals
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 1

Notes
Febr. 04: Black and white with some lumps.
I 9,11/12 Casa di Amarantus

Sample no. 45
Room 11/5, west wall, seam. The plaster was applied on the north wall.
Location H. H. 1.38, 1.56 from NW edge.
Decoration Layer with smooth surface, seam, at the entrance to room 5A. Covered by no. 46.
Photo Film 14; 16,17.

Plaster
Black and white, lots of crystals
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 1

Notes
Febr. 04: Black and white, unclean lime.
I 9,11/12 Casa di Amarantus

Sample no.  46
Room     11/5, seam, plaster applied on the north wall
Location H. 1.32, 1.40 from NW edge.
Decoration Layer with white stucco.
Layer    Covering no. 45.
Photo    Film 14; 16,17.

Plaster Black and white, lots of crystals
Binder   
Filler   Compact:
Stucco   Porous:
Lime     Crystalline:
Filler

Plaster type A 1

Notes
Febr. 04: Black and white with white lime lumps.
I 9,11/12 Casa di Amarantus

Sample no. 47

Room 12/8, east wall, south of the entrance to room 9.

Location H. 0.98, 0.50 from NE edge.

Decoration Layer Fragment.

Photo Film 11; 1.

Plaster Black and white, lots of crystals

Binder

Filler Compact:

Porous:

Crystalline:

Stucco

Lime

Filler

Plaster type A 1

Notes

Febr. 04: Black and white with white lumps. Stucco with profile.
I 9,11/12 Casa di Amarantus

Sample no. 48
Room 12/8, east wall, south of the entrance to room 9.
Location H. 1.20, 1.62 from NE edge.
Decoration
Layer
Photo Film 14; 18,19,20.

Plaster Many colours, lots of yellow
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 6

Notes
Febr. 04: Black and white with red and a few green particles.
I 9,11/12 Casa di Amarantus

Sample no.  49

Room  12/2, north wall.
Location  H. H. 0.20, 0.14 from the west edge of basin.
Decoration  
Layer  Plaster seams at each side of the entrance to room 5, behind later construction (reduction of entrance).
        Covering stone blocks.
Photo  Film 14; 18,19,20.

Plaster  Black and white, lots of crystals
Binder  
Filler  Compact:
        Porous:
        Crystalline:

Stucco
Lime  
Filler  

Plaster type  A 1

Notes
Febr. 04: Same as no. 3. A few green crystals.
I 9,11/12 Casa di Amarantus

Sample no.  50
Room       12/2, north wall, low construction and basin, at the entrance to room 5.
Location   H. 0.20, 0,14 from west edge of the basin.
Decoration Layer covering no. 49.
Layer      Layer covering no. 49.
Photo      Film 14; 18,19,20.

Plaster  Many colours, lots of yellow
Binder
Filler   Compact:
Porous:  Porous:
Crystalline:  Crystalline:

Stucco
Lime
Filler

Plaster type  A 6

Notes
Febr. 04: Lots of yellow grains. The same kind of plaster was used in the basin with red decoration.
I 9,11/12 Casa di Amarantus

| Sample no. | 51 |
| Room       | 12/2, impluvium. |
| Location   | H. |
| Decoration | |
| Layer      | |
| Photo      | Film 12; 2. |

**Plaster**

- Black and white, lots of crystals

**Binder**

- Compact:

**Filler**

- Porous:
- Crystalline:

**Stucco**

- Lime
- Filler

**Plaster type**

- A 1

**Notes**
I 9,11/12 Casa di Amarantus

Sample no. 52a
Room 11/1-2
Location In the entrance, below the floor level.
Decoration Layer First layer of four.
Photo Film, photo 21.

Plaster
Binder Black and white, lots of crystals
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 1

Notes
Four stratigraphic layers below floor level, two of these with decoration. All layers are dirty of soil and mosses.

Sample analysed at CNR-ICVBC.
Placed in the same group are: A15, A52a: group 1.2.
Correlation: A15, A52a: group A.

Groups 1.1 and 1.2 are comprised in the larger group A.
I 9,11/12 Casa di Amarantus

Sample no. 52b

Room 11/1-2.

Location In the entrance, below the floor level.

Decoration Layer with paint layer.

Second layer of four.

Location

Photo Film, photo 21.

Plaster Black and white, lots of crystals

Binder

Filler Compact:

Porous:

Crystalline:

Stucco

Lime

Filler

Plaster type A 1

Notes

Sample analysed at CNR-ICVBC.

Placed in the same group are: PS1, PS11, A1, A3, A52b, F1, C1: group 1.1.

Correlation: PS1, PS11, A1, A3, A52b, F1, C1: group A.
### Sample no. 52c

<table>
<thead>
<tr>
<th>Room</th>
<th>11/1-2.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>In the entrance, below the floor level.</td>
</tr>
<tr>
<td>Decoration</td>
<td>Layer: Third layer of four.</td>
</tr>
<tr>
<td>Photo</td>
<td>Film, photo 21.</td>
</tr>
</tbody>
</table>

#### Plaster
- **Sandy brown plaster**

<table>
<thead>
<tr>
<th>Binder</th>
<th>Compact:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filler</td>
<td>Porous:</td>
</tr>
<tr>
<td></td>
<td>Crystalline:</td>
</tr>
</tbody>
</table>

#### Stucco
- **Lime**
- **Filler**

#### Plaster type
- A 2

#### Notes

Sample analysed at CNR-ICVBC.
Placed in the same group are: A2, A52c: group 4.1.
Correlation: A2, A52c: group G.
I 9,11/12 Casa di Amarantus

Sample no. 52d
Room 11/1-2.
Location In the entrance, below the floor level.
Decoration Layer Layer with paint layer.
Fourth layer of four.
Photo Film, photo 21.

Plaster Sandy grey plaster, lime lumps
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 8

Notes

Sample analysed at CNR-ICVBC.
Placed in the same group are: BI9, BI9N, PS15, PS10, A8, A31, A52d: group reused plasters.
Correlation: BI9, PS10, PS15, A8, A31, A52d: group H.
Sample BI9N was an additional sample for crosschecking at the ICVBC.
I 9,11/12 Casa di Amarantus

Sample no.  53a
Room  11/4.
Location  North wall, below the floor level.
Decoration  First layer of three.
Photo  Film, photo 22.

Plaster  Black and white, lots of crystals
Binder
Filler  Compact:
           Porous:
           Crystalline:
Stucco
Lime
Filler

Plaster type  A 1

Notes
Three plaster layers in relative stratigraphy below the floor level at the north wall. The layers are dirty from soil and mosses.
I 9,11/12 Casa di Amarantus

Sample no. 53b
Room 11/4.
Location North wall, below floor level.
Decoration
Layer Second layer of three.
Photo Film, photo 22.

Plaster Black and white, lots of crystals
Binder
Filler Compact:
Porous:
Crystalline:

Stucco
Lime
Filler

Plaster type A 1

Notes
I 9,11/12 Casa di Amarantus

Sample no.  53c
Room  11/4.
Location  North wall, below floor level.
Decoration
Layer  Third layer of three.
Photo  Film, photo 22.

Plaster  Many colours, lots of yellow
Binder
Filler  Compact:
       Porous:
       Crystalline:

Stucco
Lime
Filler

Plaster type  A 6

Notes
Many yellow.