TEMPLE OF APOLLO

Sample no. 1

Location
Cella, interior. West wall.
At the cornice.

Decoration
1st style decoration.

Layer
Stucco cornice, first decoration.
Covering layer with larger grains.
Covered by a later decoration.

Photo
Film 17, photo 7, 8, 9.

Plaster
Black and white, lots of crystals

Binder
Much lime, clean, homogenous.

Filler
Compact: fine grains, rounded, 0.2-0.5 mm. Mainly black, some grey. A few large, c. 2 mm. Top layer with finer grains.
Porous: red-brown, few red.
Crystals: lots of crystals, long black, uncoloured, grey, some olive green, few orange.

Stucco
Fine white stucco.

Lime
Snow-white lime, homogenous.

Filler
Lots of small uncoloured crystals some large.

Plaster type
TA 1 (group A)

Notes
Two layers: The upper layer has extremely fine grains. The filler has lots of crystals, mainly black, some uncoloured, orange and some green. The layer underneath has fine grains between few large. Take new samples and check the wall again!! Are nos. 1-2 part of a plastering technique or are they two periods? New sample: The same as above. Will be considered as two different types of plaster.

Sample analysed at CNR.
Placed in the same group are: TA1, TA1bis: group 1.6.

Correlation:
TA1, TA2, B2, TJ3, TJ18: group A.

Groups 1.1, 1.2, 1.3 and 1.4, are part of the larger group A.
TEMPLE OF APOLLO

Sample no. 2

Location
Cella, interior. West wall.
At the cornice.

Decoration
Layer
Layer below sample no 1.

Photo
Film 17, photo 7, 8, 9.

Plaster
Black and white, lots of crystals

Binder
Clean lime, “grainy”.

Filler
Compacted: mainly small grains, 0.2-0.5 mm, between medium sized, 0.5-1 mm. Some large, mainly black, some grey and brown. 2 very large grey. Porous: few red.
Crystals: lots of black crystals, uncoloured, grey, few olive green and yellow.

Stucco

Lime

Filler

Plaster type TA 2 Group A

Notes
This plaster sample has slightly larger grains than no. 1. It has a different kind of lime. It has almost exclusively black particles. It is of the same kind as the lower layer on sample no. 1. On top is the painting preparation, i.e. the stucco. Plaster samples TA1 and TA2 are considered as two types even though they may be part of a plastering technique.

Sample analysed at CNR-ICVBC.
Placed in the same group are: TJ18, TJ3,B2, TA2, group 1.7.

Correlation:
TJ18, TJ3, B2, TA1, TA2, group A.

Groups 1.1, 1.2, 1.3 and 1.4, are part of the larger group A.
TEMPLE OF APOLLO

Sample no. 3

Location
Cella, interior. West wall.
At the panel.

Decoration
Last decoration in the cella.

Layer
Upper layer, covering earlier decoration. Covering no. 4.

Photo
Film 17, photo 4, 5, 10.

Plaster
Many colours, lots of yellow

Binder
Clean lime, homogenous, some small airbags.

Filler
Compact: small grains, c. 1mm, between a few large. Mainly black, brown, beige rounded.
Porous: some small red and bright yellow.
Crystals: many broken black, uncoloured, some grey, olive green and yellow.

Stucco

Lime

Filler

Plaster type
TA 3 (group E)

Notes
Powder sample.
This sample was taken from a layer covering the earlier decoration.

Sample analysed at CNR-ICVBC.
TEMPEL OF APOLLO

Sample no.  4

*Location*  Cella, interior. West wall.
At the panel.

*Decoration*

*Layer*  First layer. Preparation for no. 3.

*Photo*  Film 17, photo 4, 5, 10.

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

| Stucco |
| Lime |
| Filler |

*Plaster type*  TA 3

*Notes*
Same as no. 3.
# TEMPLE OF APOLLO

**Sample no. 5**

**Location**  
Cella, exterior. East side. At the floor level.  
Below the second panel from NE.  
Plaster layer in the cavity.

**Decoration**  
Decoration contemporaneous with the *cocciopesto* floor.

**Layer**  
Decoration covered by a later decoration.  
(Sample no. 6).

**Photo**  
Film 16, photo 33.

<table>
<thead>
<tr>
<th><strong>Plaster</strong></th>
<th>Black and white, lots of crystals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Binder</strong></td>
<td>Very little lime</td>
</tr>
</tbody>
</table>
| **Filler**  | *Compact*: lots of black, mainly small between medium sized, some grey.  
No very large grains.  
*Porous*: very few small red.  
*Crystals*: long black, uncoloured, grey, olive green, yellow. |

**Stucco**

<table>
<thead>
<tr>
<th><strong>Lime</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Filler</strong></th>
</tr>
</thead>
</table>

**Plaster type**  
TA 2

**Notes**

Really black and white plaster with lots of crystals. Few green crystals. One or two red-brown grains. This plaster has no very large grains.  
The decoration is contemporaneous with the *cocciopesto* floor. Remains of a mosaic floor butts against this layer.  
Same as no. 2, almost exclusively black particles.
TEMPLE OF APOLLO

Sample no. 6
Location  Cella, exterior. At the floor level.
Decoration  Last decoration.
Layer  Upper layer. Decoration covering the original 1st style decoration.
Photo  Film 16, photo 33.

Plaster  Sandy plaster, yellow grains
Binder  Very much lime, not homogenous, “grainy” with lime lumps.
Filler  Compact: mainly black, some beige and pale yellow. Large, c. 1-1.5 mm, and very small c. 0.2-0.5 mm.
Porous: some small red
Crystals: uncoloured and grey. Some very large uncoloured crystals.

Stucco
Lime  Clean lime, slightly yellowish.
Filler  Large and small uncoloured, greyish and yellowish crystals.

Plaster type  TA 6  (group H)

Notes
This plaster is similar to no. 3, but has characteristics of reused plasters. It looks sandy, has a lot of lime lumps, and a grainy lime. My conclusion is that samples 6, 8, 13 and 19 belong to the same period, representing the last decoration phase. Reused plaster.
TEMPLE OF APOLLO

Sample no. 7
Location
Cella, northern side, exterior.
At the remaining border of the old decoration. Sample taken above the second vertical border from the NW.

Decoration
Early decoration.

Layer
Stucco decoration, upper level of the wall.

Photo
Film 16, photo 25, film 18, photo no. 16.

Plaster
Black and white, lots of crystals
Binder
“grainy” lime.
Filler
Compact: small between medium sized, mainly rounded, black brown, grey. No very large.
Porous: few red.
Crystals: black, uncoloured, grey, some olive and orange.

Stucco
Lime
Clean lime.
Filler
Small, medium sized and large crystals, uncoloured and some yellowish.

Plaster type
TA 1

Notes
At the top level there are remains of a 1st style stucco decoration with a smooth white surface. This sample is from the early phase. The plaster is of the same kind as sample no 1.
The decoration, is repeated at the lower part of the wall where it is less refined and has a rough surface. These different decoration phases are clearly visible at the NW corner, where an area of the first phase is covered by a claylike plaster into which brick and stone have been inserted. On top is the last decoration, plaster and stucco.
TEMPLE OF APOLLO

Sample no.  8
Location  Cella, north side, exterior.
          Decoration at the middle level (new?)
          At the 3rd vertical border from NW.
Decoration  Last decoration.
Layer  Layer with stucco. Covering no. 6/7.
Photo  Film 16, photo 27.

Plaster  Sandy plaster, yellow grains
Binder  “Grainy” lime with some lumps.
Filler  Compact: medium sized grains between large, black, brown and yellow.
        Lots of yellowish grains, some large (travertine?)
        Porous: some small red, few bright yellow
        Crystals: uncoloured, grey, few olive green. Some large uncoloured crystals.
Stucco  Cracks in the stucco
Lime  “Grainy” lime.
Filler  Large and medium sized crystals, uncoloured and yellowish.

Plaster type  TA 6

Notes
Same kind of plaster as no. 6. One bright blue grain (pigment).
TEMPLE OF APOLLO

Sample no.  9
Location       Second tufa column from SW.
Decoration     Layer
               First layer on the stone.
               Preparation for no. 10.

Plaster preparation
Binder
Filler        Compact: small black between lots of large brown, grey, red-brown.
               Many black with red dots. Some very large.
               Porous: many red and yellow.
               Crystals: white, green, yellow.

Stucco
Lime
Filler

Plaster type

Notes
This is the first layer applied on the column. The lime is unclean and the filler consists of small grains between large.
TEMPLE OF APOLLO

Sample no.  10
Location    Second tufa column from SW.
Decoration  Stucco decoration.
Layer       Upper layer.

Plaster     Black and white, lots of crystals
Binder      
Filler      Compact: small grains between large, some very large.
Porous:     
Crystals:   

Stucco      
Lime        Very large crystals, uncoloured, greyish and yellowish.
Filler      

Plaster type TA 2

Notes
The decoration was made in three layers – preparation, plaster and stucco. This sample consists of the upper layer and stucco. The filler contains almost exclusively black particles.
TEMPEL OF APOLLO

Sample no.  11  
Location Second tufa column seen from the SW.  
Decoration Last phase, repair?  
Layer Layer covering 1\textsuperscript{st} style decoration.  
Photo Film 18, photo 6.

Plaster Sandy brown plaster  
Binder Unclean lime, not homogenous, with lumps of lime.  
Filler *Compact*: mainly black, c.0.5-1 mm, some beige and pale yellow.  
*Porous*: many red.  
*Crystals*: black, uncoloured and yellow.

Stucco

Lime

Filler

Plaster type   TA 11  \hspace{3cm} (group G)  

Notes  
Repair.
TEMPLE OF APOLLO

Sample no.  12
Location    Second tufa column from the SW.
            At the lower part of the column.
Decoration  Last decoration.
Layer       Upper layer with stucco.
Photo       Film 18, photo 6.

Plaster     Many colours, lots of yellow
Binder      White lime, some airbags.
Filler      Compact: mainly rounded, lots of black, brown, some beige, c. 1 mm.
            Some large beige “beans”.
            Porous: some red and “wine-red” – caput mortum grains. Some bright yellow and orange.
            Crystals: white, uncoloured, grey, yellowish. Some black.
Stucco      Lime       White lime.
            Filler     Large crystals, uncoloured, grey, yellowish. Some black grains.

Plaster type TA 3

Notes
Thin layer, white lime. Lots of black.

Sample analysed at CNR.

Placed in the same group are: TA12, TA12N, TV2: group 3.1.

Correlation: TA12, TV2, TJ10, E4: group E.

Groups 3.1, 3.2, 3.3 and 3.4 are part of the wider group E.
Sample TA12N was an additional sample for crosschecking at the ICVBC.
TEMPLE OF APOLLO

Sample no.  13
Location    Cella, exterior. North wall, west of the entrance.
Decoration Last decoration.
Layer
Photo      Film 18,

Plaster     Sandy plaster, yellow grains
Binder
Filler

Stucco
Lime
Filler

Plaster type TA 6

Notes
Large uncoloured crystals in the filler.
Same as no 6.
TEMPLE OF APOLLO

Sample no. 14
Location Cella, exterior. Eastern side.
Decoration
Layer Preparation.
Photo Film 20, photos 5, 6.

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plaster</td>
<td>Many colours, lots of yellow</td>
</tr>
<tr>
<td>Binder</td>
<td>Much lime, lumps of lime.</td>
</tr>
<tr>
<td>Filler</td>
<td><em>Compact:</em> small grains, many yellow.</td>
</tr>
<tr>
<td></td>
<td><em>Porous:</em></td>
</tr>
<tr>
<td></td>
<td><em>Crystals:</em> lots of crystals.</td>
</tr>
<tr>
<td>Stucco</td>
<td></td>
</tr>
<tr>
<td>Lime</td>
<td></td>
</tr>
<tr>
<td>Filler</td>
<td>TA 3</td>
</tr>
</tbody>
</table>

Notes
This layer is the settingbed for large terracotta pieces on the eastern side of the cella. It covers the first decoration phase. The settingbed at the northern and western sides of the cella is a claylike plaster. In either case it is covered by the last decoration.
**TEMPLE OF APOLLO**

| Sample no. | 15 |
| Location | Cella, exterior. West side. At the top level. |
| Decoration | Stucco decoration. |
| Photo | Film 21, photo 3. |

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

| Stucco | |
| Lime | |
| Filler | |

| Plaster type | TA 3 |

Notes
Early decoration.
TEMPLE OF APOLLO

Sample no.  16
Location       Podium. Northern side.
Decoration    Layer covered by no. 17.
Layer         Layer covered by no. 17.
Photo         Film 23, photo 1, 2, 3.

Plaster      Sandy brown plaster
Binder
Filler
Stucco
Lime
Filler

Plaster type  TA 11

Notes
TEMPLE OF APOLLO

Sample no. 17

Location Podium, northern side.
Decoration
Layer Upper layer.
Photo Film 23, photo 1, 2, 3.

Plaster Sandy brown plaster

Binder
Filler Compact:
Porous:
Crystals:

Stucco

Lime
Filler

Plaster type TA 11

Notes
Same as no. 16.
TEMPLE OF APOLLO

Sample no. 18
Location Podium, northern side.
Decoration Fragment in the wall.
Layer Fragment in the wall.
Photo Film 23, photo 3.

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

Stucco
Lime
Filler

Plaster type TA 2

Notes
Dirty sample.
One of many fragments of reused plasterwork inserted into the wall.
TEMPLE OF APOLLO

Sample no. 19
Location North precinct wall.
          At the NW corner.
Decoration Last decoration.
Layer 2 layers, one phase.
Photo Film 23, photo 4.

Plaster Sandy plaster, yellow grains
Binder
Filler Compact:
Porous:
Crystals:

Stucco
Lime
Filler

Plaster type TA 6

Notes
Many brown and yellow.
**TEMPLE OF APOLLO**

<table>
<thead>
<tr>
<th>Sample no.</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Location</strong></td>
<td>Podium, west wall.</td>
</tr>
<tr>
<td><strong>Decoration</strong></td>
<td>Fragment in the wall.</td>
</tr>
<tr>
<td><strong>Photo</strong></td>
<td>Film 23, photo 6, 7, 8.</td>
</tr>
</tbody>
</table>

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

**Binder**
- *Compact:*

**Filler**
- *Porous:*
- *Crystals:*

**Stucco**

**Lime**

**Filler**

**Plaster type**
- TA 1

**Notes**
One of many similar fragments in the podium structure. Rows of round white stones in lime.
## TEMPLE OF APOLLO

| Sample no.  | 21 |
| Location    | Podium, west wall. |
| Decoration  |   |
| Layer       |   |
| Photo       | Film 23, photo , 6, 7,8. |

| Plaster     | Sandy brown plaster |
| Binder      |                |
| Filler      | Compact: |
|             | Porous: |
|             | Crystals: |

| Stucco      |   |
| Lime        |   |
| Filler      |   |

| Plaster type | TA 11 |

<p>| Notes        |   |</p>
<table>
<thead>
<tr>
<th>Sample no.</th>
<th>22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Podium, west wall.</td>
</tr>
<tr>
<td>Decoration</td>
<td>Stucco decoration.</td>
</tr>
<tr>
<td>Layer</td>
<td>Layer covering no. 21.</td>
</tr>
<tr>
<td>Photo</td>
<td>Film 23, photo 6, 7, 8.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plaster</th>
<th>Sandy brown plaster</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binder</td>
<td></td>
</tr>
<tr>
<td>Filler</td>
<td>Compact:</td>
</tr>
<tr>
<td></td>
<td>Porous:</td>
</tr>
<tr>
<td></td>
<td>Crystals:</td>
</tr>
</tbody>
</table>

| Stucco    |                      |
| Lime      |                      |
| Filler    |                      |

| Plaster type | TA 11 |

| Notes       |        |
### TEMPLE OF APOLLO

<table>
<thead>
<tr>
<th>Sample no.</th>
<th>23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Podium, column.</td>
</tr>
<tr>
<td>Decoration</td>
<td>Stucco decoration.</td>
</tr>
<tr>
<td>Layer</td>
<td>Only stucco.</td>
</tr>
<tr>
<td>Photo</td>
<td>Film 23, photo 9.</td>
</tr>
</tbody>
</table>

#### Plaster
- **Binder**: only stucco
- **Filler**: Compact:
- Porous:
- Crystals:

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

#### Notes
# TEMPLE OF APOLLO

**Sample no.** 24  
**Location** Column, at the north precinct wall. Sample taken at the base.  
**Decoration** Stucco decoration.  
**Layer**  
**Photo** Film 23, photo 10.  

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

**Stucco**  
**Lime**  
**Filler**  

**Plaster type** TA 3  

**Notes**  
Same as no. 12. Many colours, lots of yellow grains.