

39
29 10

108

OLAMENTO TERMICO IN LANA DI ROCCIA sp. 120 mm

INTERCAPEDINE ARIA sp. 30 mm

PANNELLO COIBENTE
IN LANA DI ROCCIA sp. mm 30

OLAMENTO TERMICO IN LANA DI ROCCIA sp. 20 mm

108

PANNELLO COMPOSITO
IN ALLUMINIO sp. 4 mm
CON NUCLEO ADDIZIONATO
DI COMPONENTI MINERALI
DIFFICILMENTE INFIAMMABILE

SCHIUMA ESPANDENTE

IMBOTTE IN LAMIERA
D'ALLUMINIO

VELETTA
IN CARTONGESSO sp. 12,5 mm
LASTRA INCOLLATA
IN CARTONGESSO sp. 12,5 mm
LAMIERA D'ACCIAIO sp. 3 mm
DOPPIA LASTRA IN CARTONGESSO sp. 12,5+12,5 mm
CLASSE 0 DI RESISTENZA AL FUOCO
BARRIERA AL VAPORE
ISOLAMENTO TERMICO IN LANA DI ROCCIA sp. 100 mm

72

26

214

SERRAMENTO APRIBILE
CON APERTURA A SPORGERE

PANNELLO VETRATO

108

MARCIAPIEDE ESISTENTE

+0,12 P.P.F.

IMBOTTE IN LAMIERA
D'ALLUMINIO sp. 12/10 mm
SCHIUMA ESPANDENTE
LAMIERA D'ACCIAIO sp. 3 mm

+0,12 P.P.F.

26

NUOVA SOGLIA
COIBENTE DI CORREZIONE
PONTE TERMICO
MONTANTE VERTICALE

29 30

GUAINA IMPERMEABILIZZANTE
SERVIZIO A RILEVARE

ZOCCOLATURA CON PANNELLO
COMPOSITO IN ALLUMINIO sp. 4 mm
CON NUCLEO ADDIZIONATO
DI COMPONENTI MINERALI
DIFFICILMENTE INFIAMMABILE
COIBENTE

[illegible]

The diagram illustrates a detailed cross-section of a roof construction. The assembly consists of several distinct layers and components, each labeled with its material and thickness:

- BARRIERA AL VAPORE**: Vapor barrier.
- ISOLAMENTO TERMICO IN LANA DI ROCCIA sp. 100 mm**: Thermal insulation made of rock wool, 100 mm thick.
- MONTANTE A "C" IN ACCIAIO ZINCATO**: Galvanized steel C-channel purlin, 100 mm x 8.6 mm.
- PANNELLO COIBENTE IN LANA DI ROCCIA sp. mm 30**: Rock wool insulating panel, 30 mm thick.
- PANNELLO VETRATO**: Glazed panel.
- PANNELLO COMPOSITO IN ALLUMINIO sp. 4 mm CON NUCLEO ADDIZIONATO DI COMPONENTI MINERALI DIFFICILMENTE INFAMMABILI**: Composite aluminum panel, 4 mm thick, with a core of flame-retardant mineral components.
- INTERCAPEDINE ARIA sp. 30 mm**: Air gap, 30 mm wide.
- ISOLAMENTO TERMICO IN LANA DI ROCCIA sp. 120 mm**: Thermal insulation made of rock wool, 120 mm thick.
- LASTRA IN CEMENTO RINFORZATO sp. 12,5 mm**: Reinforced concrete slab, 12.5 mm thick.

The drawing also includes various dimensions for the overall structure and individual components, such as heights (e.g., 17, 19, 10, 30, 38, 232) and widths (e.g., 29, 44.5, 47.5, 116, 895, 102, 34, 12, 46). The assembly is shown in a perspective view, highlighting the sloped nature of the roof.

The diagram illustrates a complex multi-layered facade assembly. From left to right, the components are:

- PANNELLO COIBENTE IN LANA DI ROCCIA sp. mm 30**: A 30mm thick rock wool insulation panel.
- SCHIUMA ESPANDENTE IMBOTTE IN LAMIERA D'ALLUMINIO**: Expanding foam filling an aluminum sheet cavity.
- VELETTA IN CARTONGESSO sp. 12,5 mm LASTRA INCOLLATA**: A 12.5mm gypsum board layer glued to the wall.
- LAMIERA D'ACCIAIO sp. 3 mm**: A 3mm thick steel plate.
- DOPPIA LASTRA IN CARTONGESSO sp. 12,5+12,5 mm CLASSE 0 DI RESISTENZA AL FUOCO**: Two 12.5mm fire-resistant gypsum boards.
- BARRIERA AL VAPORE ISOLAMENTO TERMICO IN LANA DI ROCCIA sp. 100 mm**: A vapor barrier and 100mm thermal insulation layer.
- SERRAMENTO APRIBILE CON APERTURA A SPORGERE**: An opening window frame protruding from the facade.
- PANNELLO COIBENTE IN LANA DI ROCCIA sp. mm 30**: Another 30mm rock wool insulation panel.
- ISOLAMENTO TERMICO IN LANA DI ROCCIA sp. 120 mm**: A 120mm thermal insulation layer.
- INTERCAPEDINE ARIA sp. 30 mm**: A 30mm air gap between panels.
- ISOLAMENTO TERMICO IN LANA DI ROCCIA sp. 20 mm**: A 20mm thermal insulation layer.
- PANNELLO COMPOSITO IN ALLUMINIO sp. 4 mm CON NUCLEO ADDIZIONATO +0,12 P.P.F. DI COMPONENTI MINERALI DIFFICILMENTE INFIAMMABILE**: A composite panel with a mineral core.
- MARCIAPIEDE ESISTENTE ZOCCOLATURA CON PANNELLO COMPOSITO IN ALLUMINIO sp. 4 mm CON NUCLEO ADDIZIONATO DI COMPONENTI MINERALI DIFFICILMENTE INFIAMMABILE**: Existing baseboard with a composite panel.
- COBINETE**: The main vertical support element.
- GUAINA IMPERMEABILIZZANTE**: A waterproofing membrane at the bottom.
- LAMIERA D'ALLUMINIO sp. 12/10 mm**: An aluminum sheet.
- SCHIUMA ESPANDENTE**: Expanding foam used for sealing.
- COIBENTE DI CORREZIONE PONTE TERMICO**: Thermal bridge correction insulation.
- MONTANTE VERTICALE**: Vertical structural support.

Dimensions and annotations include: 108, 72, 86, 214, 108, 29, 30, +0,12 P.P.F., and +0,12 P.P.F.

The technical drawing illustrates a facade system composed of various panels and components. The main section shows a grid of panels with dimensions indicated by dashed green lines. Below the main grid, there are detailed views of specific components with their respective dimensions and material specifications.

**PANNELLO COMPOSITO IN ALLUMINIO sp. 4 mm
CON NUCLEO ADDIZIONATO DI COMPONENTI MINERALI
DIFFICILMENTE INFIAMMABILE**

**ZOCOLATURA CON PANNELLO COMPOSITO
IN ALLUMINIO sp. 4 mm CON NUCLEO ADDIZIONATO
DI COMPONENTI MINERALI DIFFICILMENTE INFIAMMABILE**

**PANNELLO COMPOSITO IN ALLUMINIO sp. 4 mm
CON NUCLEO ADDIZIONATO DI COMPONENTI MINERALI
DIFFICILMENTE INFIAMMABILE**

PANNELLO VETRATO

Dimensions shown in the drawing include:

- Panel width: 116, 102, 232, 116, 116, 34, 12, 46, 46
- Panel height: 44.5, 47.5, 116, 907
- Spacing: 29, 47.5, 116, 116, 102, 232, 34, 12, 46, 46

The drawing shows a detailed architectural facade of a building, likely a residential or institutional structure. It features a grid system with letters T, U, V, W, X, Y, Z and numbers 1, 2, 3. The central section is labeled (IV.T) and a small section is labeled (IV.V). The drawing includes a central section labeled (IV.T) and a small section labeled (IV.V).

