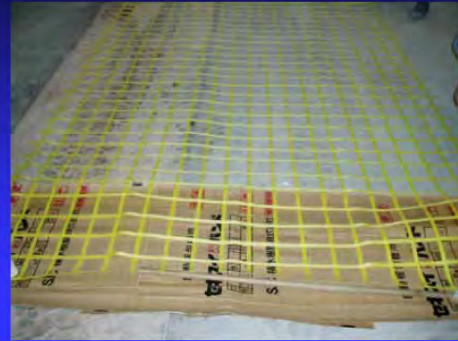


## *How to Install PP-band Meshes onto Houses*

1. Preparation for PP-band mesh
2. How to Install PP-band mesh onto house
3. Tools for PP-band installation
4. Model design for site demonstration

### 1. Preparation for PP-band mesh

in case of handwork



### 1. Preparation for PP-band mesh



Photo: Welder & Controller



**Welder:**  
Equipment for connecting PP-bands by ultrasonic wave

### 1. Preparation for PP-band mesh



Press intersection points with welder for a few seconds in order to connect bands each other by flash welding



Before welding, PP-band should be laid up every 10cm on the flat floor or ground

### 1. Preparation for PP-band mesh



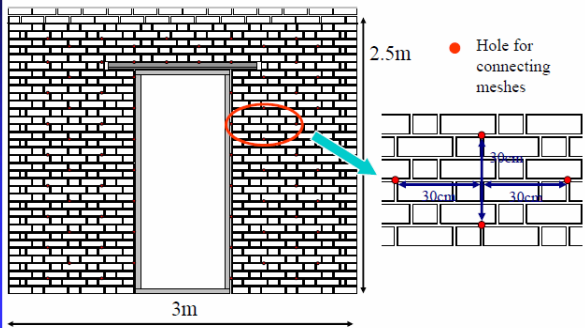
During the welding work, it is desirable that the edge of bands are fixed by something (Ex. tape or counter etc.)



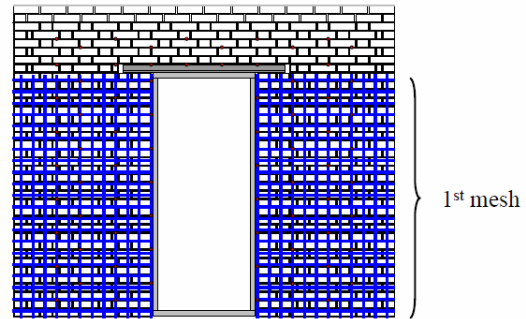
### 2. How to Install PP-band mesh onto the house



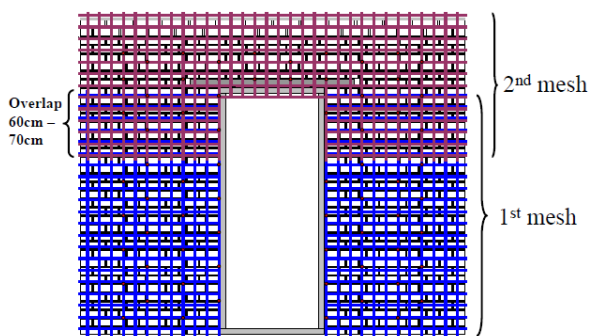
## 2. How to Install PP-band mesh onto the house



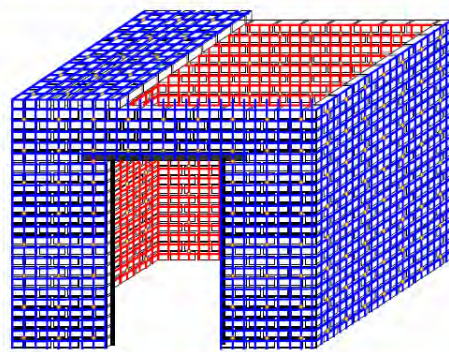
## 2. How to Install PP-band mesh onto the house



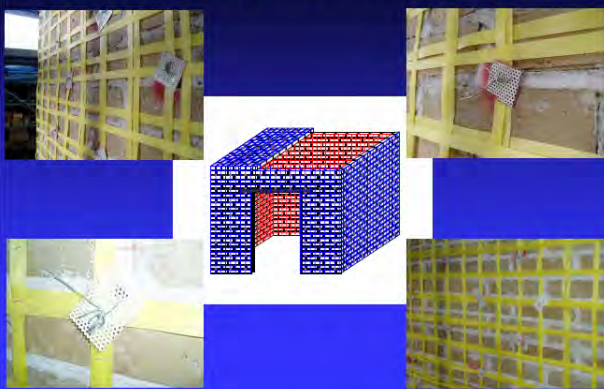
## 2. How to Install PP-band mesh onto the house



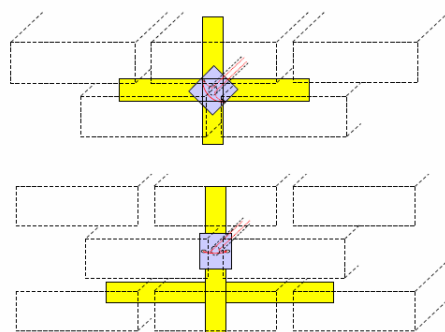
## 2. How to Install PP-band mesh onto the house



## 2. How to Install PP-band mesh onto the house



## 2. How to Install PP-band mesh onto the house



## 2. How to Install PP-band mesh onto the house



### 1) Fix up PP-band mesh onto the specimen

In order to fix up PP-band mesh on to the house, it is convenient if meshes are attached with a stapler before fixing the right position.

← - Stapler which can staple mesh directly onto the masonry walls

## 2. How to Install PP-band mesh onto the house



### 2) Drill a hole by hand drill

In case of new construction, it is better to keep the hole space with rubber sleeve to avoid drilling work

← Rubber Sleeve image

## 2. How to Install PP-band mesh onto the house



### 3) Put through wires into the hole

### 4) Attach a plate for binding PP-band and wires

## 2. How to Install PP-band mesh onto the house



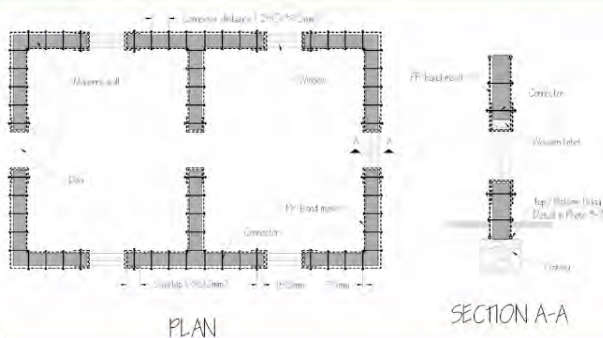
### 5) Twisting wires to tighten the connecting point

Important point here is to diminish slack as much as possible in order to heighten the reinforcement effect by PP-band mesh

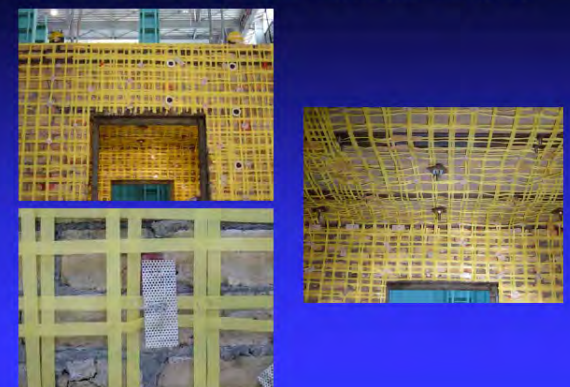
### 6) Final image

## 2. How to Install PP-band mesh onto the house

Typical plan for PP-band mesh attachment



## 2. How to Install PP-band mesh onto the house



3. Tools for PP-band installation



- Wires with 1mm diameter



- Wires cutter

3. Tools for PP-band installation



- Lineman's pliers



- Twisting tool

3. Tools for PP-band installation

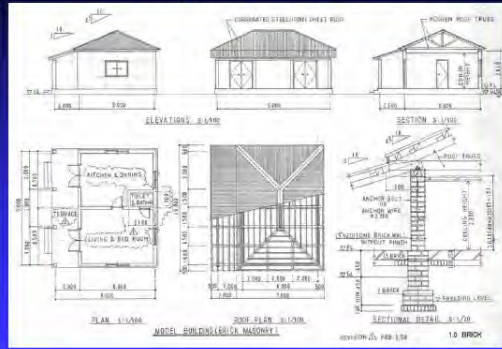


- Stapler which can staple mesh onto brick wall

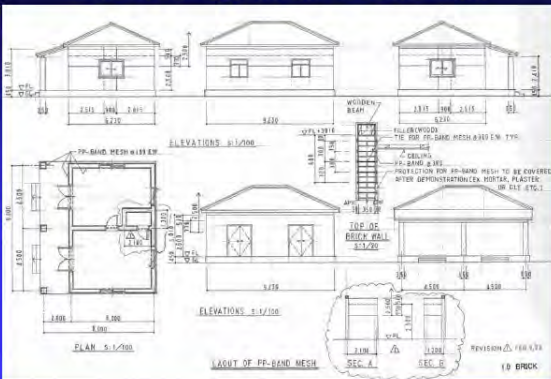


- Common type stapler

4. Model design for site demonstration



4. Model design for site demonstration



4. Model design for site demonstration

