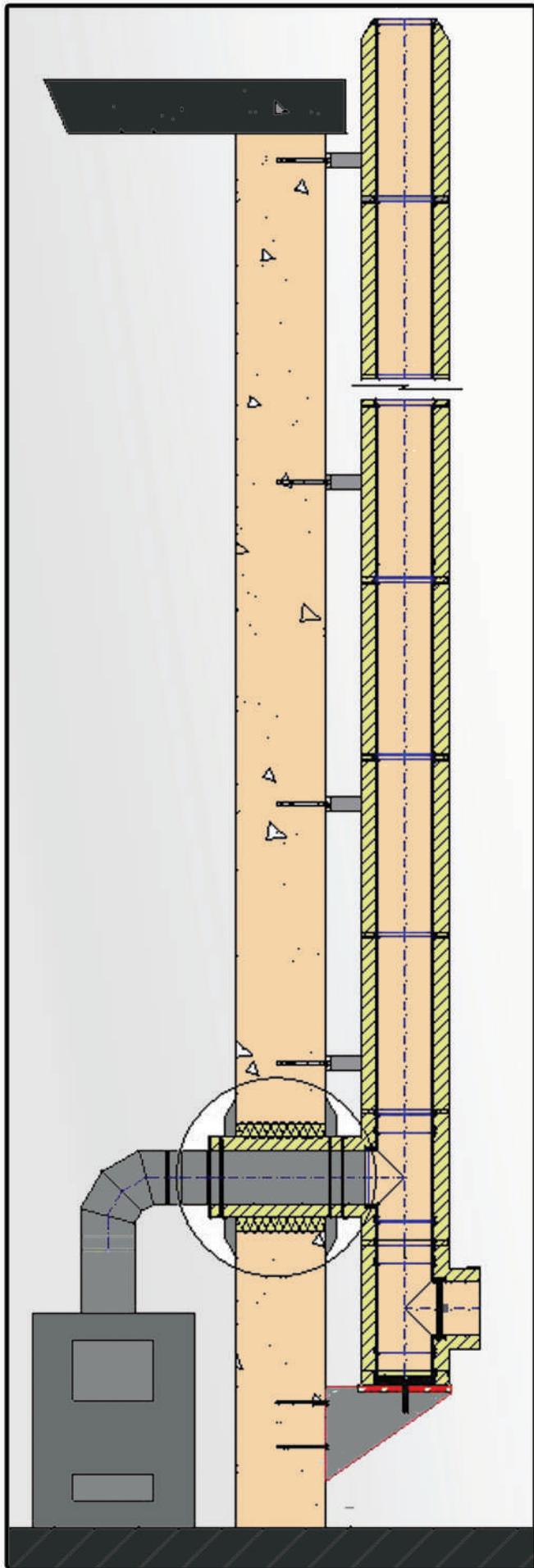
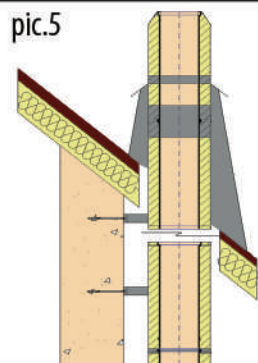


INSTALLATION MANUAL: JAWAR CERASTAL



14. Attach a rain flange end cover on a properly installed roof duct and pipe with a mouth ending, which should fit closely to roof duct.

13. In case of assembly of the chimney with a roof duct, a aperture should be made with a diameter larger by 10 cm than the outer diameter of the chimney. Assembly the roof duct on the aperture matched to a roof pitch and type of a roof cover. Everything should be prepared with roof craft.



Crossing the roof:

12. Following the earlier guidelines, we assemble the last element (mouthpiece) to the wall. If the exhaust outlet is to be too low, the chimney can be extended by one pipe. Attention: Use the band clip strengthened at the pipe connection above the last wall mount and mouth ending. The chimney height cannot exceed 100cm from the last support/mounting of the wall.

11. According to previous guidelines, install the remaining number of pipes. Remember about assembly wall spacers and keeping appropriate distance from the wall and the vertical position. The last element is mouth ending.

10. Mount the pipe on the cleaned tee according to previous guidelines. Check that the distance to the wall is maintained correctly and the whole is in vertical position. After adjustment secure the screws against unscrew.

9. Install the pipe (without glue) on the exhaust tee to determine the installation location of the first wall spacer (wall bracket). Install it at a height of 120cm from the base. Disassemble the pipe. Drill the aperture and install the wall spacer in the designated place. Attention: remember to secure the installed elements against dirt.

8. Connect the horizontal section to the mounted tee. Perform the tee-room section with an insulated pipe. Fill the remaining space with mineral wool. Put on a masking cover cap in the place of puncture (pic. 4).

7. Put acid-proof putty on the cleaned and dried tee, then install the gas tee. Make sure that the ceramic elements are matched. Remove excess glue. Fix the band clip between the tees.

6. Fasten the band clip on the connection of the tee and condenser.

5. For the dried and cleaned ceramic part of the condensate collector mount the cleaning tee by applying the acid-resistant putty evenly in accordance with the instructions on the packaging. Make sure that the ceramic elements of the tee are in proper contact with the condensate collector. Then remove the excess silicone.

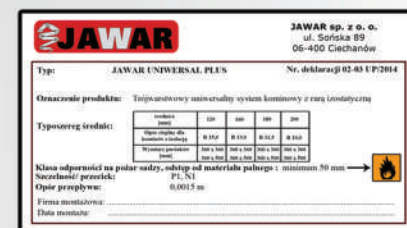
4. Fix the chimney base plate with brackets. Fasten the brackets to the inside of the board. Fix the whole part to the wall in a predetermined location using dowels or expansion anchors chosen by the designer (matching the type of elevation).

ELEMENTS:



GENERAL CONDITIONS:

After install, fill the nameplate and put it on visible place. Fill also guarantee card.



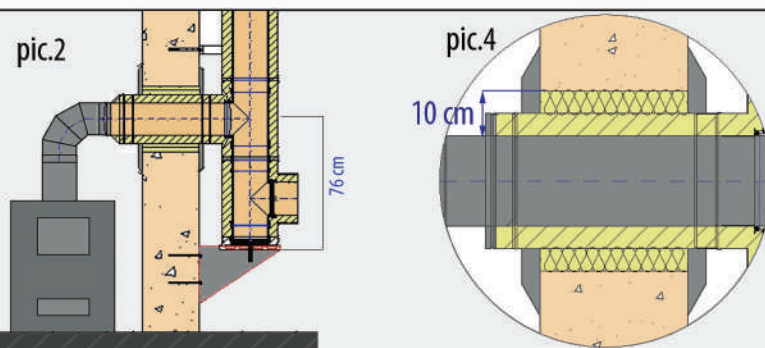
NEEDED FOR INSTALL:



Warning: Before starting an install, please read manual carefully. Check the content of basic montage packet. After completion of the work, install all needed accessories.

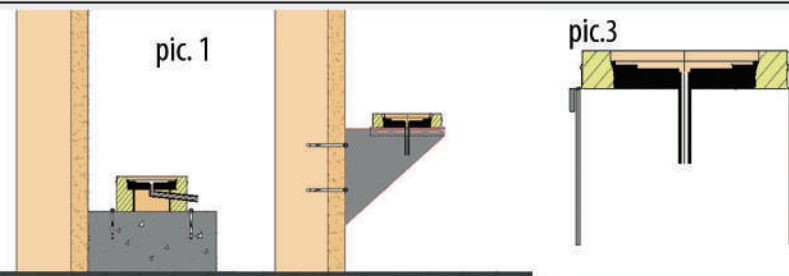
Proper assembly:

3. Knowing the height of the exhaust connection, we can determine the height of mounting the chimney base plate. For the system (base plate, condensate collector, tee)(pic. 2), the distance of the axis of connecting the tee to the upper edge of the board should be 76cm as it is in the drawing. Determine the chimney assembly axis along which the wall brackets will be mounted. The recommended distance between them is 120cm.



2. We start the assembly work by determining the height of the passage through the wall. The aperture should be larger by 10 cm than the planned diameter of the flue connection.

1. Before installing the Jawar Cerastal system, it should be determined with the designer whether the chimney is to be placed on the foundation or on the base plate (pic. 1). In the case of building the chimney on the foundation, the designer should determine size of the chimney and distance from the wall.



GENERAL RULES OF BONDING CERAMIC ELEMENTS:



before montage, clean edge of pipe using a damp sponge.



put on a correct amount of acid-proof glue in muff, connect elements, rotate it for about 3cm, excess of glue erase using a sponge.



correct bonded elements with no signs of leakage of glue inside.