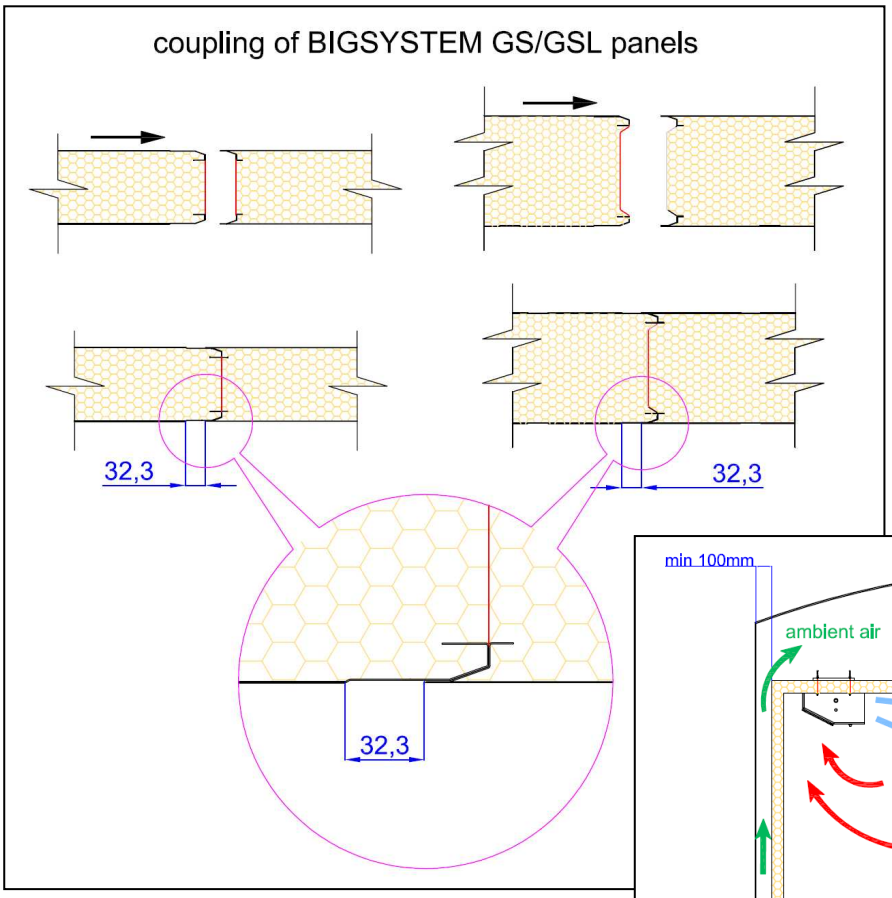
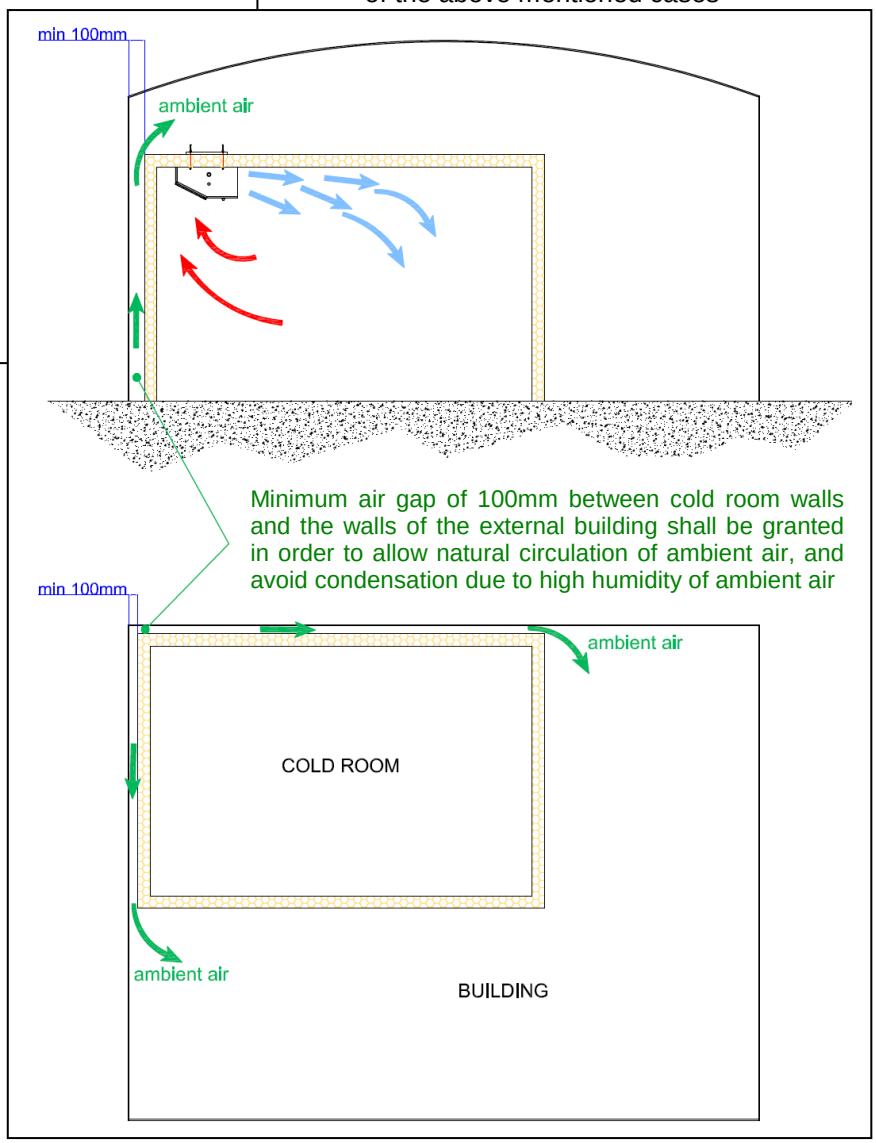
The following pictures show the correct assembly of BIGSYSTEM GS/GSL panels, and the correct positioning of a cold room inside an existing building.



Moisture may appear in proximity of panels joints, of doors or gates, and of any thermal bridge that may be present, in the following cases:

- high humidity of ambient air
- absence of ambient air circulation
- incorrect assembly of panels
- incorrect positioning of the cold room
- improper use of doors or gates
- too frequent opening of doors or gates
- any other occurence that may cause any of the above mentioned cases



Dew Point:

The **dew point** is the temperature below which the water vapour in a volume of humid air, at a given constant barometric pressure, will condense into liquid water at the same rate at which it evaporates. Condensed water is called dew when it forms on a solid surface.
The **dew point** is a water-to-air saturation temperature, and is associated with relative humidity. A high relative humidity indicates that the dew point is closer to air temperature. Relative humidity of 100% indicates that the dew point is equal to the current temperature, and that the air is maximally saturated with water.
The thermodynamic conditions at which dew may develop on a solid surface are influenced by:

- relative humidity of air
- temperature
- barometric pressure

To reduce or avoid the possibility of formation of dew, the circulation of ambient air should be promoted by using, for example, air extractors or fans.