

RESIDENTIAL VENTILATED FOUNDATION

Location: Camisano Vicentino, Italy

Project: row houses

Structure: ventilated foundation

Total surface: 359 sqyd

Product used: MODULO H35



Fig. 1
Installation of Modulo



Fig. 2
Detail of ventilation connection



Fig. 3
Initial pour phase (the pockets must be filled first)



Fig. 4
Detail of monolithic foundation pour – ground beam

The project prescribed the installation of Modulo H35 for the creation of a ventilated foundation system to eliminate moisture and avoid the concentration of Radon gas within the building. As shown in Fig. 2 the ventilated foundation is used also for the passage of plumbing systems. A pipe connecting two zones of the foundation has the purpose of allowing the airflow otherwise hindered by the groundbeam.