



On Track with PEX

In 1990 the European Union sent all the member states a communication regarding the creation of a consistent rail transport network in the various States. The document was called the "European High Speed Network Master Program". At an operative level this plan comprises 9,000 km of new lines with speeds of over 250 kph, the development of 15,000 km of existing lines to allow speeds of about 200 kph, and 1,200 km of various connecting tracks. Each member country allocated funds and began to conform to the European Community suggestions. Very briefly, in order to do this, an ad hoc Company called TAV (Treno Alta Velocità, High-Speed Train) was formed in Italy to plan the new railway lines and to strengthen existing tracks that could be exploited. We would like to consider one of these stretches of railway line to which DALPEX products were perfectly suited. Given the extent of the work sites and the large number of workers employed, the infrastructure clearly had to be sized to meet the needs of the personnel. For the Turin-Milan line, the Dabegal di Cavriago Group (RE) created a series of prefabricated buildings to house the offices and personnel involved in the project for its duration.

One of the company managers, Mr.Comastri states that their success in this remarkably large project was due to the commitment of the firms with whom they collaborated in delivering the buildings within the times prescribed by the contract. One of these firms was Termoidraulica Salvarani di Montecchio (RE) who, thanks to their employees and to the use of DALPEX products, managed to achieve excellent results in a very short time. In Mr.Salvarani's words: "We provided all the water supply plant for the workers' dormitories. In each dormitory there are 20 bathrooms. From the dormitories we went on to the sick bay, changing rooms, offices, canteen, mapping studio and training room. We started work in March and finished everything in 5 months only."

On this stretch of track alone there were 260 workers' beds, plus another 60 for employees. This tiny community was able to benefit from the reliability and quality of the DALPEX products. Some 5,000 metres of insulated and non-insulated LASER MULTI DALPEX tubing were used in completing this order. The diameters used went from 50 x 4 to 40 x 3.5 for the main trunks, leading to smaller diameters of 32 x 3, 26 x 3, 20 x 2 and 16 x 2 for all the branches.

For fittings, Termoidraulica Salvarani decided to use the push-fit system that guarantees tightness and above all a very speedy installation. About 10,000 DALPEX pressure fittings were used, and the result was excellent. Mr.Salvarani continues: In addition to the quality of the materials used, the speed of

installation was a determining factor in allowing us to do such a good job.” At this point we bid everyone “good work” and see you on the High-Speed Train.

