

Vestone, 18.09.17

VALSIR is producing multilayer since almost 20 years. Valsir is the main and biggest producer in Italy an n° 3° or 4° in Europe.

Complete range. Mixal from d.14 to d.32. Pexal from d.14 to d.90. Available with insulated grey, red and blue 6mm, blue 10mm (cooling applications), red and blue corrugated; available in coils and lengths.

VALSIR MIXAL is certified according to all classes of resistance:

hot water 60°C

hot water 70°C

floor heating and radiators at medium temperature

radiators at high temperature

VALSIR MIXAL PIPE SYSTEM is tested in Valsir quality laboratory. On a laboratory surface of more than 1.000 m², 14 different kinds of test are carried out on VALSIR multilayer systems: dimensional aspect, separation test, bending test, cross-linking degree, pressure test, long duration test, cone test, dimensional layer test, tensile strength test, melt flow index test, heat resistance test, marble test, pipe hammer and vibration. All of it is carried out on 12 thermal cycling test units. Many institutes asked Valsir laboratory to be appointed as an official testing laboratory.

STEAM CROSS-LINKING METHOD IN AUTOCLAVE: originally used for the pharmaceutical sector, this method has been designed, built and tested in Valsir premises.

It is performed with water saturated vapor (steam), both with pressure and vacuum. Compared to traditional PE-Xb cross-linking method, Valsir process parameters remain constant.

That results in uniform cross-linking along the entire length of pipe (inner and outer layers) and uniform mechanical characteristics of the finished product

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