



## 6.14 UV-resistance

The Henco multilayer pipe must be protected against direct sunlight or UV-irradiation. Once removed from the packaging it must be covered during storage or

transport. If when under construction the pipes are fitted with a protective sleeve or insulation they are then perfectly protected against UV radiation.

## 6.15 Legionnaire's disease

Legionella bacteria occur in all fresh water, so also mains water, but they can only grow and become a risk under a number of specific conditions which particularly concern the design and maintenance of the installation, and not the type of pipe used in the installation. The temperature of the water plays an important part. The bacteria are inactive and therefore not dangerous below 25°C. A water temperature of 60°C is too hot. The bacterium does not like running water. The danger occurs in water with a temperature between 25°C and 50°C that atomised. If the conditions are favourable for the bacterium, old pipes that are damaged or otherwise affected by corrosion can assist the growth of the legionella bacterium.

The Henco pipe is corrosion-resistant thanks to the smooth wall of the cross-linked inner pipe. Only preventive measures can be taken such as:

- ▶ Set the temperature of the boiler so that the supply pipe stays at a temperature of least 60°C. Set the return to 50°C and have the mixing take place as near as possible to the sanitary branch point (e.g. shower).
- ▶ Regularly rinse all pipes with sufficiently hot water, certainly after a long absence.
- ▶ Empty unused piping.
- ▶ Avoid uncirculating water.

## 6.16 Fire classification

The Henco multilayer pipe, consisting of two cross-linked polyethylene layers and a butt welded aluminium

layer, belongs according to DIN 4102 part 1 to class B2 (normally inflammable construction elements).

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