
TECHNICAL BULLETIN TB268

CHEMICAL COMPATIBILITY OF MUNICIPEX[®] PIPE

Product: MUNICIPEX Pipe

Date: 16 October 2017

There are certain chemicals that may damage MUNICIPEX pipe. This applies to external exposure of chemicals and to the transport of such chemicals by MUNICIPEX pipes.

Chemicals that may damage MUNICIPEX pipe include (but are not limited to):

- Adhesives
- Oil/petroleum based products
- Paints
- Solvents
- Oxidizing agents (e.g. bleach)
- Disinfectants (e.g. separate dosing unit integrated into building distribution system)

There are many factors, such as time of exposure, temperature, pressure, and other operating parameters, which can influence the performance of pipe that has been exposed to chemicals.

To determine the compatibility properties of particular chemicals, short- or long-term pressure testing may need to be performed with the particular chemical. In some cases, a pipe may be resistant to short-term exposure to the chemical, but not resistant to continuous exposure (external or internal) of the chemical. Each chemical or substance must be evaluated individually.

Due to variations from the impact of time exposure, the amount of chemicals actually exposed to the pipe and other project specific factors, REHAU has eliminated the former REHAU Chemical Resistance Chart (308.601) as governing impacts on the products from chemicals. Instead, it is the responsibility of the installing contractor to review the installation to ensure that the products have not been exposed to chemicals in the particular application that will harm the products.

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