

Decree of the Ministry of the Environment

amending the Decree on the type-approval of PEX pipes intended for use in water supply systems in buildings

In accordance with the decision of the Ministry of the Environment
Section 3 of the Decree on the type-approval of PEX pipes intended for use in water supply systems in buildings (1/18) is *repealed*; and
Sections 1 and 3 and Tables 1.2 and 1.3 of Annex 1 are *amended* as follows:

Section 1

Scope

This Decree shall apply to the essential requirements for the type-approval of cross-linked polyethylene pipes (hereinafter referred to as *PEX pipes*) intended for conveyance of drinking water and domestic hot water in buildings and property.

Section 3

Attestation of Conformity

Type-approval demonstrates that PEX pipes comply with the essential technical requirements laid down in section 33 of the Building Act (751/2023) and in regulations issued pursuant thereto.

This decree shall enter into force on [date] [month] 20xx.

Directive (EU) 2015/1535 of the European Parliament and of the Council (32015L1535); OJ L 241, 17.9.2015, p. 1

Helsinki, [day] [Month] 20[xx]

Minister of ... First name Last name

Title First name Last name

Annex 1

Type testing of PEX pipes and the testing used for certification of quality control

Table 1.2. Properties, test scope and number of samples of PEX pipes to be type tested.

Characteristic	Test scope ¹⁾				Samples to be tested, minimum amount
	T	M1	M2	W	
Long-term strength	+	+	+	-	1 estimation / material
Appearance	+	-	-	+	T: 1 sample/size/all sizes L: 1 sample/new size
Transparency	+	+	+	-	1 sample/smallest wall thickness
Dimensions	+	-	-	+	T: 1 sample/size/all sizes L: 1 sample/new size
Pressure resistance	+	+	+	+	3 samples/size/size group, minimum 2 sizes, except for M1: 1 size/size group
Longitudinal dimensional stability	+	-	+	-	3 samples/size/all sizes
Heat resistance by means of pressure test	+	+	+	-	1 sample
Degree of cross-linking	+	-	+	-	2 samples/size group
¹⁾ T: type test M1: change in material M2: change in additive L: expansion of product range					

Table 1.3. Properties and minimum sampling frequency for quality-control verification of PEX pipes.

Characteristic	Minimum sampling frequency
Appearance	3 samples/size group/material/year
Dimensions	3 samples/size group/material/year
Pressure resistance, 95 °C ≥ 1 000 h	3 samples/size group/material/year
Degree of cross-linking	3 samples/size group/material/year
Marking	3 samples/size group/year
Sizes to be tested shall be changed yearly	