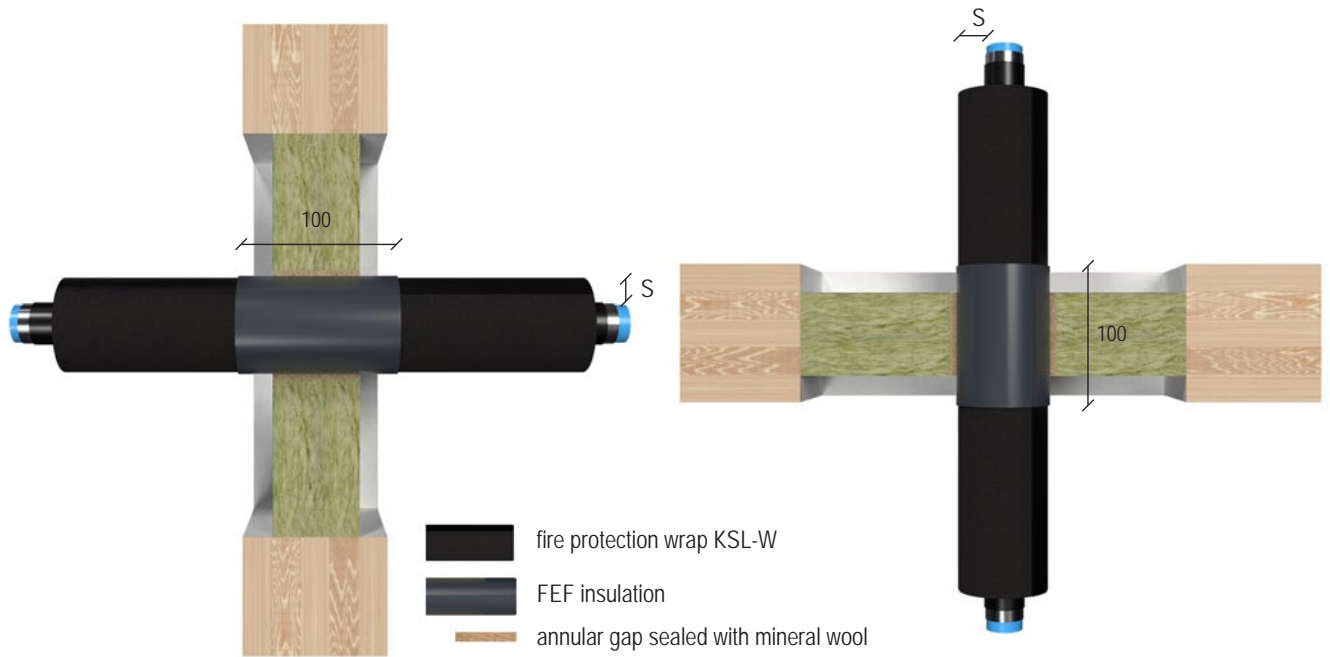


### Multilayer pipes with fire protection wrap in wall and floor seals



All specifications in mm

Wall												
Type of pipe	Outer diameter [mm]	Pipe wall thickness [mm]	Type of insulation	Insulation length [mm]	Insulation thickness S [mm]	KSL-W					Number of layers [n]	Fire resistance class
						Wrap width [mm]	Number of wraps [n]	Overlap	Inside seal [mm]	Outside seal [mm]		
Geberit Mepla	16.0	2.25	FEF	CS	8.0–35.0	50	2	0	2 × 30	2 × 20	1	EI 60 U/C / E 90 U/C
	20.0	2.5			16.0–35.0						1	EI 60 U/C / E 90 U/C
	26.0	3.0			16.0–35.0						1	EI 60 U/C / E 90 U/C
	32.0	3.0			16.0–35.0						1	EI 60 U/C / E 90 U/C
	40.0	3.5			13.5–39.0						2	EI 60 U/C / E 90 U/C
	50.0	4.5			14.0–39.0						2	EI 60 U/C / E 90 U/C
	63.0	4.5			14.0–40.5						2	EI 60 U/C / E 90 U/C
	75.0	4.7			14.0–40.5						2	EI 60 U/C / E 90 U/C
Geberit FlowFit	16.0	2.0	FEF	CS	8.5–33.5	50	2	0	2 × 30	2 × 20	1	EI 60 U/C / E 90 U/C
	20.0	2.0			13.0–33.5						1	EI 60 U/C / E 90 U/C
	26.0	2.5			13.0–33.5						1	EI 60 U/C / E 90 U/C
	32.0	2.8			13.0–33.5						1	EI 60 U/C / E 90 U/C
	40.0	3.0			16.5–40.5						2	EI 60 U/C / E 90 U/C
	50.0	3.8			17.0–40.5						2	EI 60 U/C / E 90 U/C
	63.0	4.0			17.0–40.5						2	EI 60 U/C / E 90 U/C
	75.0	4.6			17.0–40.5						2	EI 60 U/C / E 90 U/C

Wall												
Type of pipe	Outer diameter [mm]	Pipe wall thickness [mm]	Type of insulation	Insulation length [mm]	Insulation thickness S [mm]	KSL-W						Fire resistance class
						Wrap width [mm]	Number of wraps [n]	Overlap	Inside seal [mm]	Outside seal [mm]	Number of layers [n]	
KE KELIT KELOX KM 100, KE KELIT KELOX KM 110	16.0	2.0	FEF	≥ 250 on each side	8.0–35.0	50	2	0	2 × 30	2 × 20	1	EI 60 U/C / E 90 U/C
	18.0	2.0			8.0–35.0						1	EI 60 U/C / E 90 U/C
	20.0	2.25			8.5–35.0						1	EI 60 U/C / E 90 U/C
	25.0	2.5			8.5–35.0						1	EI 60 U/C / E 90 U/C
	32.0	3.0			9.0–35.0						1	EI 60 U/C / E 90 U/C
	40.0	4.0			13.0–40.5						2	EI 60 U/C / E 90 U/C
	50.0	4.5	≥ 500 on each side	13.0–40.5	2						EI 60 U/C / E 90 U/C	
	63.0	6.0		13.0–40.5	2						EI 60 U/C / E 90 U/C	
	75.0	7.5		13.0–40.5	2						EI 60 U/C / E 90 U/C	

Floor												
Type of pipe	Outer diameter [mm]	Pipe wall thickness [mm]	Type of insulation	Insulation length [mm]	Insulation thickness S [mm]	KSL-W						Fire resistance class
						Wrap width [mm]	Number of wraps [n]	Overlap	Inside seal [mm]	Outside seal [mm]	Number of layers [n]	
<b>90 minutes</b>												
Geberit Mepla	≥ 40.0 – ≤ 63.0	3.5–4.5	FEF	CS	35.0–39.0	50	2	0	2 × 30	2 × 20	2	EI 90 U/C
	63.0	4.5									1	
Geberit FlowFit	16.0	2.0									≥ 250 on each side	
	20.0	2.0		8.5–35.0	1							
	26.0	2.5		13.0–35.0	1							
	32.0	2.8		13.0–35.0	1							
	40.0	3.0		20.5–40.5	2							
	50.0	3.8		≥ 500 on each side	40.5						2	
	63.0	4.0			40.5						2	
75.0	4.6	40.5	2									
<b>60 minutes</b>												
Geberit Mepla	16.0	2.25	FEF	CS	8.0–35.0	50	2	0	2 × 30	2 × 20	1	EI 60 U/C / E 90 U/C
	20.0	2.5			8.0–35.0						1	
	26.0	3.0			8.0–35.0						1	
	32.0				8.0–35.0						1	
	40.0	3.5			9.0–40.5						2	
	50.0	4.5			14.0–40.5						2	
	63.0	4.5			14.0–40.5						2	
	75.0	4.7			17.0–40.5						2	