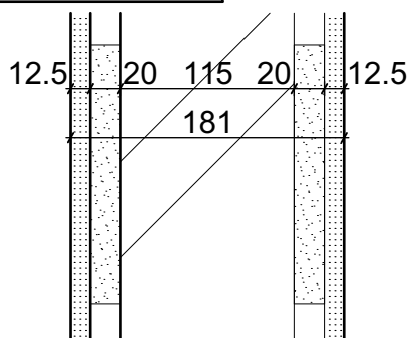


INTERNAL WALL WA4

SC 1:5



COMPOSITION OF INTERNAL WALL HELUZ 11.5

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	PAINT	ONE-COMPONENT, WATER-SOLUBLE PAINT DESIGNED FOR GYPSUM BOARDS internal dispersion paint with organic binders and limestone fillers, water vapour permeability 0.02 m	brush or spraying machine	-
2	FILLER	UNIVERSAL PASTE FILLER bending strength > 320N, fire reaction class A2-s1,d0	stainless steel trowel	-
3	GYPSUM BOARD	GYPSUM BOARD coefficient of thermal conductivity λ_u 0.21W/m ² *K, fire reaction class A2-s1,d0, diffusion resistance factor μ 6-10, longitudinal expansion factor in case of humidity change $5-8 \cdot 10^{-6}$, compressive strength 5.0 - 10.0 MPa	mechanically anchored	12.5
4	ADHESIVE BINDER	GYPSUM ADHESIVE BINDER adhesion min. 0.24 MPa, fire reaction class A1, drying time min. 12 hours	stainless steel trowel	20
5	PENETRATION	CONCENTRATED WATER DISPERSION concentrated aqueous dispersions of artificial resins based on acrylic resins with additives, consumption 100g/m ² , dilution ratio 1:4, drying time circa 24 hours	roller, brush or spraying machine	-
6	PARTITION	PARTITION MASONRY BRICK monolayer, heat transfer coefficient U 1.42W/m ² *K, coefficient of thermal conductivity λ_u 0.259W/m ² *K, fire reaction class A1, fire resistance EI 120 DP1, airborne noise Rw 45, diffusion resistance factor μ 5/10	-	115
7	PENETRATION	CONCENTRATED WATER DISPERSION concentrated aqueous dispersions of artificial resins based on acrylic resins with additives, consumption 100g/m ² , dilution ratio 1:4, drying time circa 24 hours	roller, brush or spraying machine	-
8	ADHESIVE BINDER	GYPSUM ADHESIVE BINDER adhesion min. 0.24 MPa, fire reaction class A1, drying time min. 12 hours	stainless steel trowel	20
9	GYPSUM BOARD	GYPSUM BOARD coefficient of thermal conductivity λ_u 0.21W/m ² *K, fire reaction class A2-s1,d0, diffusion resistance factor μ 6-10, longitudinal expansion factor in case of humidity change $5-8 \cdot 10^{-6}$, compressive strength 5.0 - 10.0 MPa	mechanically anchored	12.5
10	FILLER	UNIVERSAL PASTE FILLER bending strength > 320N, fire reaction class A2-s1,d0	stainless steel trowel	-
11	PAINT	ONE-COMPONENT, WATER-SOLUBLE PAINT DESIGNED FOR GYPSUM BOARDS internal dispersion paint with organic binders and limestone fillers, water vapour permeability 0.02 m	brush or spraying machine	-