KES Polystyrene cap

Post-installed polystyrene cap reduces heat transmission and results in a homogenous insulation surface

Product information

Features and benefits

- Post-installed cap reduces heat transmission at fixing points
- Results in homogeneous and smooth insulation surface
- Cost-saving solution, as countersunk installation allows selection of shorter fixings.
- Quick and easy application
- Technical specification acc. to EN 13163: 2012

Applications

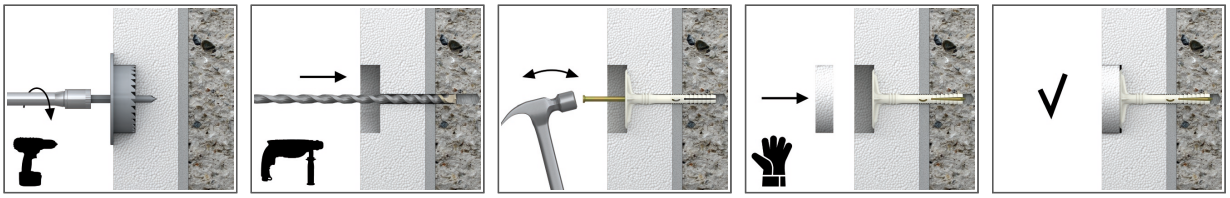
- Façade construction (ETICS)
- Polystyrene (EPS) boards
- Polyurethane (PU) boards

Base materials

Suitable for use in

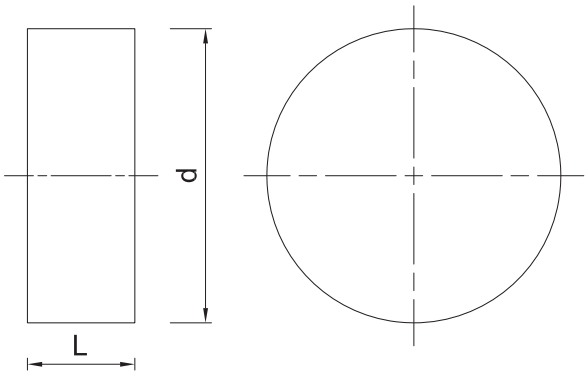
- Polystyrene (EPS) Boards

Installation guide



1. Cut the hole in polystyrene with KFS tool.
2. Insert cap into countersunk hole in polystyrene following installation of the facade fixing

Product information



Product Code	Material	Diameter	High
		d	L
		[mm]	
KES-63/20	white polystyrene	63	20
KES-63/20-G	gray polystyrene	63	20

Basic performance data

Features	Application data	
Reaction to fire exposure	Reaction to fire exposure	E
Continuous glowing combustion	Continuous glowing combustion	-
Water permeability	Water absorption	NPD
Release of hazardous substances into the internal environment	Release of hazardous substances	-
Insulating power value of airborne sounds directly transmitted	Dynamic stability	NPD
Sound absorption coefficient	-	
Insulating power value of impact sounds (for floors)	Dynamic stability	NPD
	Thickness d_L	
	Compressibility	
Heat transfer resistance	Heat transfer resistance and coefficient of thermal conductivity	$R_{D\ (for\ 68)}$= 1.75m^2·K/W
		λ_D= 0.040W/m·K
	Thickness	T1
Water vapour permeability	Water vapour transmission	NPD
Tension resistance	Tension with 10% deformation	
	Deformation in definite compression load envoirnment and temperature	
Tension / bending resistance	Bending resistance	BS100
	Resistance to tension load perpendicular to surface	TR100
Durability of fire exposure in heat function, weather conditions, aging/degradation	Features durability	No changes
Durability of heat transfer resistance in heat function, weather conditions, aging/degradation	Heat transfer resistance - coefficient of thermal conductivity	
	Features durability	
Durability of tension on function of aging/degradation	Creep with tension load	NPD
	Freezing / defrosting resistance	
	Long-term thickness reduction	

*Harmonised technical specification EN 13163:2012

Product commercial data

Product Code	Diameter [mm]	High [mm]	Quantity [pcs]			Weight [kg]			Bar Codes
			Box	Outer	Pallet	Box	Outer	Pallet	
KES-63/20	63	20	250	250	8000	0.54	0.54	47.1	5906675422879
KES-63/20-G	63	20	250	250	8000	0.52	0.52	46.6	5906675422886