Objektbericht

e:nergycarbon
ultimate energy efficiency and comfort

Fußbodenheizung/ -kühlung

System IDEAL BASIC EPS 30 & E-NERGY CARBON FLEECE

Renovation of St. Martin's Church,
in 4042 Trstenik, Slovenia

The parish had the nave of the church renovated. The hydraulic system IDEAL BASIC EPS 30 was used for future temperature control in the pew area. The COMPACT FLOOR EXPERT 15 was chosen as the heat-conducting layer, as it meets all the technical requirements for this type of building. In addition, E-NERGY CARBON FLEECE electric heating films were installed on top of the EXPERT 15 as on-demand heating. These ensure rapid heating of the floor before events.

Typ	Kirche
Größe	300 m²
Flächenheizung	IDEAL BASIC EPS 30 E-NERGY CARBON FLEECE
Bereich	Kirchenschiff



Konstruktion

1	Fliesen	
2	Fliesenkleber ca. 2 mm je Lage	4 mm
3	E-NERGY CARBON FLEECE	0,4 mm
4	COMPACT FLOOR EXPERT 15	15 mm
5	Trennlage	
6	IDEAL BASIC EPS 30 + Systemrohr (16 mm)	30 mm
7	Rahmenholz (30 mm)	
8	Randdämmstreifen EPS | NEO	
9	ggf. Feuchtigkeitssperre	
		50 mm













