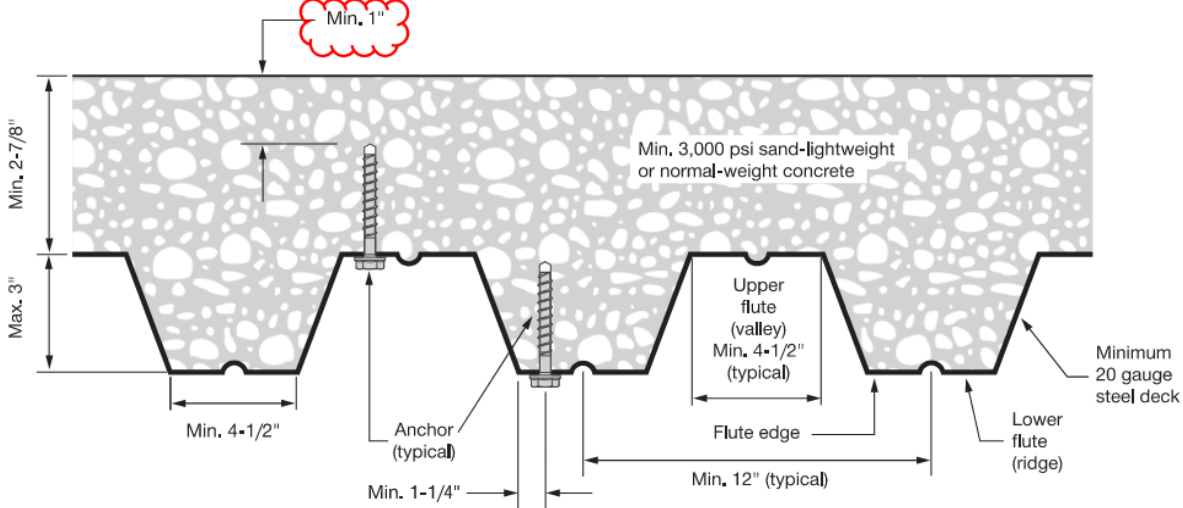


**Figure 3 — Installation of Hilti KH-EZ, KH-EZ P, KH-EZ PM, KH-EZ PL, KH-EZ C and KH-EZ CRC in soffit of concrete over steel deck floor and roof assemblies<sup>1</sup>**



<sup>1</sup> Anchors may be placed in the upper or lower flute of the steel deck profile provided the minimum concrete cover above the drilled hole is satisfied. Anchors in the lower flute may be installed with a maximum 1-inch offset in either direction from the center of the flute. The offset distance may be increased proportionally for profiles with lower flute widths greater than those shown provided the minimum lower flute edge distance is also satisfied.

**Table 1 — Hilti KH-EZ, KH-EZ P, KH-EZ PM, KH-EZ PL, KH-EZ C and KH-EZ CRC specifications**

Setting information	Symbol	Units	Nominal anchor diameter													
			1/4		3/8		1/2		5/8		3/4					
Head style and coating			Hex, P, PM, PL, C head	Hex, C head	Hex, C head (Including CRC)	Hex head (Including CRC)	Hex head (Including CRC)	Hex head (Including CRC)	Hex head (Including CRC)	Hex head (Including CRC)	Hex head (Including CRC)	Hex head (Including CRC)	Hex head (Including CRC)			
Nominal bit diameter	$d_{bit}$	in.	1/4		3/8		1/2		5/8		3/4					
Minimum nominal embedment	$h_{nom}$	in.	1-5/8	2-1/2	1-5/8	2-1/8	2-1/2	3-1/4	2-1/4	3	4-1/4	3-1/4	4	5	4	6-1/4
Minimum effective embedment	$h_{ef}$	in.	1.18	1.92	1.11	1.54	1.86	2.50	1.50	2.16	3.22	2.39	3.03	3.88	2.92	4.84
Minimum hole depth	$h_o$	in.	2	2-7/8	1-7/8	2-3/8	2-3/4	3-1/2	2-5/8	3-3/8	4-5/8	3-5/8	4-3/8	5-3/8	4-3/8	6-5/8
Minimum fixture hole diameter	$d_h$	in.	3/8		1/2		5/8		3/4		7/8					
Anchor Length = $h_{nom} + t$	$l$		See ordering information													