

Product Installation Guidelines ■

Fixed Seating Non-Typical Floor Conditions

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The KI Sales Specialist is the catalyst for this process. It is their responsibility to provide the architect, (GC) general contractor, or end user with a copy of KI's Fixed Seating Floor Specification Guide. If the client's floor type does not match one of the three standard types listed in the KI specification guide, then the sales specialist should solicit a copy of the technical data sheet for the chosen floor type from the GC or the architect.

KI's preference would be for the client to review the Fixed Seating Floor Specification Guide and supply the installation team with anchors and installation instructions that meet the KI guidelines for tension and shear applied loads on their chosen floor type. Or they can sign a written waiver for any anchoring method they choose.

If the client does not feel confident in their ability to select an anchor based on KI guidelines, then customer service will partner with Corporate Services to determine if the client's chosen floor type is compatible with KI fixed seating.

For concrete or concrete board floors of less than our specified 3 inch thickness but equal to or greater than KI's required 1&1/2 inch embedment minimum for anchors a pull test should be done. Corporate Services will contact both Hilti and the client to coordinate a pull test.

The Corporate Services Supervisor must be prepared to provide Hilti with the product specific KI specification pages, and any information gathered on the client's chosen floor type such as concrete thickness, approximate PSI of concrete, concrete condition, minimum embedment depth, and any drawings of floor composition. If there are any specific floor products used provide them brand names and websites to view product information.

Email is the medium of choice to transfer information to Hilti at hnatechnicalservices@hilti.com. Follow up the email with a phone call to (877) 749-6337. The main Hilti POC's will be Elizabeth Payne and Matthew Roberts. If somehow you get sent to another department request to talk to the "Anchor Engineering Department". Make it clear to Hilti that we expect a written letter of findings and recommendations on anchor and anchoring procedures to achieve a three times safety factor for the product to be installed on that flooring.

The Corporate Services Supervisor will forward anchor recommendations along with part numbers to the Project Order Coordinator. The POC will then enter the anchors as specials on the order and work with purchasing to acquire them.

For wood constructed floors that do not meet KI's minimum requirements the floor will need to be reinforced to give the 1.5 inch anchoring depth or a bolt through the floor with bolt washers and nuts using the same mounting kit as used on raised access floors may be used on floors that are a minimum of 3/4 inches thick. If any details are questionable arrange a Corporate Services conducted pull test.

For raised access floor the tiles must always be secured to the stringers or pedestals. The KI seating must attach with a bolt through application that meets the guidelines for tension and shear applied loads. If any other method is used KI will need to receive a signed waiver.

