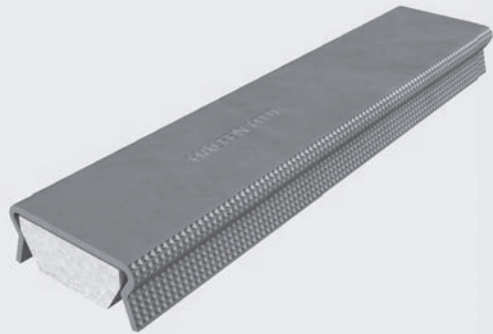


HALFEN HTU-S

INST_HTU-S 01/22

EN Profiled Sheet Fixing
Channels

DE Profilblech-
Befestigungsschiene

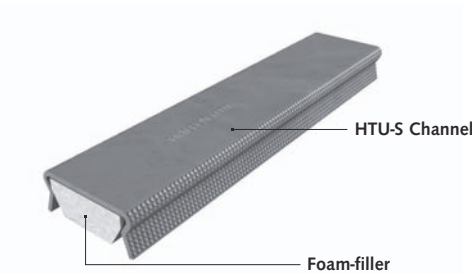


Assembly Instructions • Montageanleitung

HALFEN Profiled sheet fixing channels

English

Deutsch



Approved by the
DIBt, German Institute of
Construction Engineering



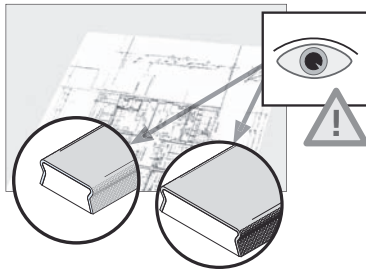
1. General Information

To ensure a good bond between the HTU-S Channel and the concrete, make sure the channel is clean. All impurities, for example, oil, lubricants or grease must be removed. Pour the concrete carefully avoiding direct contact between the concrete vibrator and the channel.

Just before striking the formwork all auxiliary fixings must be removed.

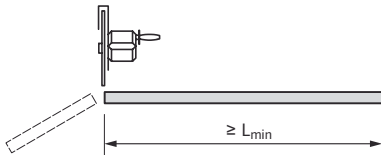
To fix trapezoidal sheet metal or other façade panel profiles to the HTU-S Channel, only use the screws specified in the construction documents provided by the responsible engineer.

2. Preparation

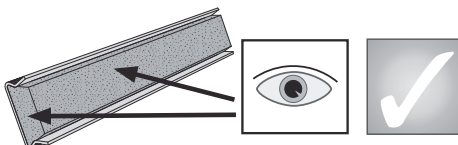


- 2.1 Select the correct HTU-S Channel according to the specifications in the plans.

3. Short channels and cutting channels to size

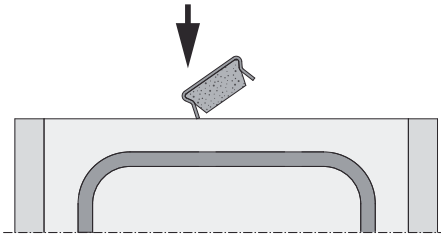


- 3.1 Cut the HTU-S Channel to the required length. The minimum lengths specified in approval no. Z-21.4-2096 must be observed.

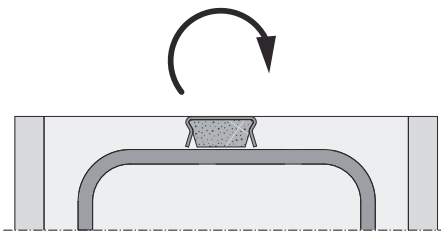


- 3.2 The foam-filler must not be removed. Check the inside of the channel is still completely filled with the foam-filler.

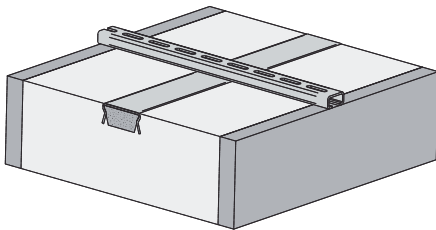
4. Installation "floating installation"



- 4.1** Installation is from above after the concrete has been poured and compacted. The channel is pressed into the concrete starting with a long edge at the specified position.

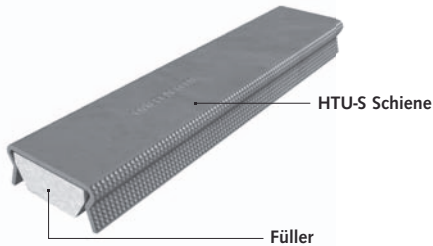


- 4.2** In one consistent twist, the channel is pressed evenly into its final horizontal position in the concrete. Excess concrete must be removed and the concrete surface smoothed level with the formwork.



- 4.3** The channel's position must be secured until the concrete has hardened or is removed at the same time as striking the formwork (e.g. secure with magnetic strip).

HALFEN Profilblech-Befestigungsschiene



Allgemeine bauaufsichtliche Zulassung
des DIBt Berlin:



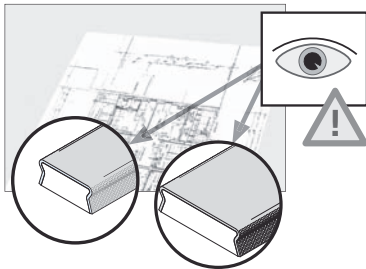
1. Allgemeines

Damit ein sauberer Verbund zwischen HTU-S Schiene und Beton gewährleistet werden kann, ist sicherzustellen, dass die HTU-S Schiene nicht mit Fremdkörpern, Öl, etc. verschmutzt ist. Der Beton sollte sorgsam eingebracht werden, der direkte Kontakt zwischen Rüttler und verankerter Schiene ist zu vermeiden.

Unmittelbar vor dem Ausschalen sollten bei schalseitiger Fixierung die Positionierhilfen gelöst werden.

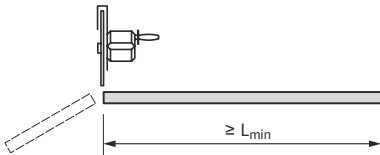
Zur Befestigung der Trapezblech- oder Wandkassettenprofile sind die in den Konstruktionsunterlagen des verantwortlichen Planers vorgeschriebenen Schrauben zu verwenden.

2. Vorbereitung

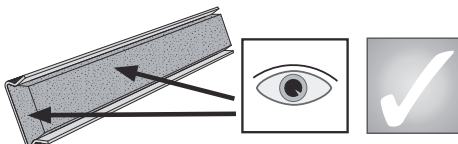


2.1 Ankerschiene gemäß Planungsunterlagen auswählen.

3. Kurzstücke und Zuschnitt nach Maß

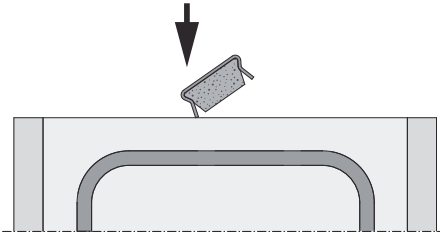


3.1 HTU-S in gewünschte Länge schneiden. Dabei ist auf die Einhaltung der zulässigen Mindestlänge der Schiene nach Z-21.4-2096 zu achten.

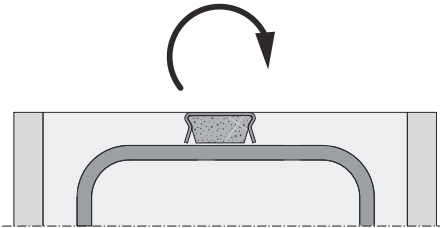


3.2 Die Schienenfüllung darf nicht entfernt werden und muss vollständig im zugeschnittenen Schienenkörper vorhanden sein.

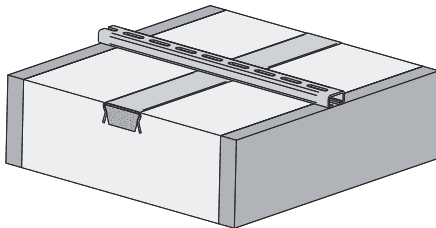
4. Montageablauf „Schwimmender Einbau“



- 4.1** Der Einbau erfolgt von oben nach dem Betonieren und Verdichten des Bauteils. Die Schiene wird über ihre lange Kante an der gewünschten Position in den Beton eingedrückt.



- 4.2** Im zweiten Schritt wird die Schiene gleichmäßig in die horizontale Endposition gedreht. Überschüssiger Beton muss entfernt werden.



- 4.3** Bis zum Aushärten bzw. Ausschalen des Betonbauteils muss die Lage der Schiene (z. B. mittels Magnetleiste) gesichert werden.

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