

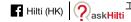
Hilti HSU-R Stone Cone Bolt

Submission Folder

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Stone Cone Bolt HSU-R





Technical data Material composition Steel, A4 (SS316) Head configuration Externally threaded



BASE MATERIALS

Natural Stone

APPLICATIONS

Stone cladding fixing

ADVANTAGES

- Easy installation
- Head marking for easy identification
- Gauge for checking drill hole geometry
- Setting mark to verify undercut completion

HSU-R (A4 stainless steel)



¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.



HSU-R setting tools and accessories

Ordering designation	Sales pack quantity	Item number
Setting tool HSU ST-G M6 manual	1 pc	21794521)
Setting tool HSU ST-G M8 manual	1 pc	2179453
Hole inspection gauge HSU IG M6	1 pc	21794501)
Hole inspection gauge HSU IG M8	1 pc	2179451
Drill bit HSU CDB 11/13.5 conveyor	1 pc	2179456
Drill bit HSU CDB 13/15.5 conveyor	1 pc	2179457
Drilling tool HSU ADT G 220V advanced	1 pc	21930381)

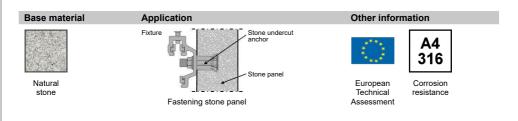
¹⁾ For detailed stock availability and lead time information please contact your Hilti representative.



HSU-R Stone undercut anchor

Stone undercut anchor for fastening of stone panels

Anchor version HSU-R (M6-M8) HSU-R (M6-M8) - Setting mark to verify undercut completion - Optimized sleeve size reduces the possibility of sleeve spinning - Performance assessed by European Approval body per the latest standard



Approvals / certificates

Description	Authority / Laboratory	No. / date of issue
European technical approval a)	DIBt, Berlin	ETA-16/0784 / 2018-01-16

a) Data given in this section according ETA-16/0784 issue 2018-01-16

Recommended general notes

- * The below clauses based on Hilti product qualifications are for references only. Selection of clauses by the engineer shall be based on the specific application needs. Please contact Hilti's technical team for further details.
- Anchor shall have European Technical Assessment (ETA)
- Anchor shall have a corrosion resistance of A4 stainless steel
- Drill hole for anchor shall be checked by designated/approved hole checking gauge according to the manufacturer's recommendation
- Anchor shall have head mark for identification upon installation
- Anchor shall be tightened as per the manufacturer's recommendation
- Anchor shall have a mechanical locking device to prevent rotation during tightening
- Anchor shall have setting indication to verify the correct setting after installation
- Anchor shall be installed as per the manufacturer's approved procedure and equipment



Basic loading data (single anchor)

All data in this section applies to:

- Correct anchor setting (see instruction for use, setting parameters)
- The resistance of steel failure provided by this technical data manual may not be lowest resistance for all failure modes of a stone undercut installed in natural stone.
- The resistance in natural stone provided by this technical data manual are valid only for the exact same natural stone panels or for those panels with equal or higher flexural strength, equal or larger edge distances and thicknesses.
- The resistance of the stone panel shall be verified in addition to the anchor resistance.
- For natural stone panels, tests and evaluation shall be used by responsible engineer to define the final resistance.

Characteristic resistance under tension and shear load - steel resistance

Anchor size		M6	M8
$N_{Rk,s}$	[kN]	16,1	29,3
$V_{Rk,s}$	[kN]	8,0	14,6

Characteristic resistance - in natural stone panels

- Please request reference test reports from your Hilti representative
- The resistance of the stone panel shall be verified in addition to the anchor resistance

Materials

Mechanical properties

Anchor size			M6	M8
Nominal tensile strength	f _{uk, thread}	[N/mm ²]	800	800
Stressed cross-section	A_s	[mm ²]	20.1	36.6

Material quality

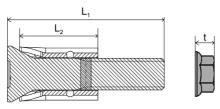
Part	Material
Cone bolt with expansion sleeve	Stainless steel A4 according to EN 10 088: 2014
Serrated flange nut	Stainless steel A4 according to EN 10 088: 2014



Anchor dimensions a)

Anchor size			M6	M8
Minimum length of the anchor	L _{1, min}	[mm]	24	28
Maximum length of the anchor	L _{1, max}	[mm]	32	38
Length of expansion sleeve	L ₂	[mm]	13/15	15/21
Serrated flange nut	t	[mm]	7	9

a) Please refer to Hilti Hong Kong website or contact your Hilti representative for the catalogue for standard portfolio



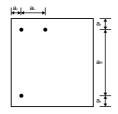
Setting information

Setting details applicable to natural stone type

Stone group a)			I/ II	III / IV
Panel thickness	h	[mm]	$20 \le h_s + 5mm \le 70$	$30 \le h_s + 10 \text{mm} \le 70$
Recommended min. edge distance b)	a _R	[mm]	5	0
Recommended min. edge distance b)	a _L & a _H	[mm]	8 ·	h _s

- a) Refer to below stone classification for information on stone group
- b) For small fitting or fill-in pieces the minimum edge distance or spacing shall be chosen per the geometrical boundary conditions.

 Testing can be done to verify smaller edge distances and spacing



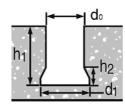
	Stone group a)	Natural stone type
ı	High-quality intrusive rocks (plutonic rocks)	Granite, granitite, tonalite, diorite, monzonite, gabbro, other magmatic plutonic rocks
II	Metamorphic rocks with "hard stone characteristics" b)	quarzite, granulite, gneiss, migmatite
III	High-quality extrusive rocks (volcanic rocks)	Basalt and basalt lava without harmful ingredients c) (e.g. sun burner basalt)
IV	Sedimentary rocks with "hard stone characteristics" b)	Sandstone, limestone and marble c)

- a) Stone group to be determined based on petrographic information provided by the stone supplier
- b) For façade panels made of natural stones with planes of anisotropies, the difference between the flexural strength determined parallel to the planes of anisotropy and perpendicular to the edges of the planes of anisotropy shall not be more than 50%.
- c) For design based on EOTA Technical Report, refer to ETA 16/0784 for applicable boundary conditions

Setting parameters a)

Size			M6	M8
Setting depth	h_s	[mm]	(10 ≤ h _s ≤ 2	5) + 0,4/-0,1
Drill hole depth	h ₁	[mm]	h _s +	0,5
Diameter of drill hole	d_0	[mm]	11 + 0,4/-0,2	13 + 0,4/-0,2
Diameter of undercut	d₁	[mm]	13,5 ± 0,3	15,5 ± 0,3
Height of undercut	h ₂	[mm]	4,5 ± 0,5	4.5 ± 0.5
Installation torque moment	T _{inst}	[Nm]	6	10
Width across flats	SW	[mm]	10	13
Max. diameter of clearance hole in fixture	d_f	[mm]	7	9
Max. fixture thickness	t _{fix}	[mm]	10	8

a) Refer to Instruction for use (IFU) for specific anchor installation parameters



Installation equipment

Anchor size	M6	M8
Diamond coring	HSU AD	Γ G 220V
	HSU CDB 11/13.5	HSU CDB 13/15.5
Hole inspection gauge	HSU IG M6	HSU IG M8
Setting tool	HSU ST-G M6 manual	HSU ST-G M8 manual
Other tools	Hammer, toque wrench	





8.06.01-807/18

Approval body for construction products and types of construction

Bautechnisches Prüfamt

An institution established by the Federal and Laender Governments



European Technical Assessment

ETA-16/0784 of 13 March 2019

English translation prepared by DIBt - Original version in German language

General Part

Technical Assessment Body issuing the European Technical Assessment:

Trade name of the construction product

Product family to which the construction product belongs

Manufacturer

Manufacturing plant

This European Technical Assessment contains

This European Technical Assessment is issued in accordance with Regulation (EU) No 305/2011, on the basis of

This version replaces

Deutsches Institut für Bautechnik

HSU-R

Fastener for the rear fixing of facade panels made of selected natural stones in accordance with EN 1469:2015

Hilti Aktiengesellschaft 9494 SCHAAN FÜRSTENTUM LIECHTENSTEIN

Hilti Werke

13 pages including 3 annexes which form an integral part of this assessment

EAD 330030-00-0601

ETA-16/0784 issued on 16 January 2018

Z5810.19



European Technical Assessment ETA-16/0784

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English translation prepared by DIBt

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European Technical Assessment ETA-16/0784

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Specific Part

1 Technical description of the product

The HSU-R is a fastener of sizes M6 and M8 which consists of a cone bolt with an external thread on one end and a cone with an attached expansion sleeve on the other end. It is used in combination with a flange nut or a spring washer and nut.

The product description is given in Annex A. The material values, dimensions and tolerances of the components of the fastener not indicated in the annexes shall correspond to the values laid down in the technical documentation¹.

2 Specification of the intended use in accordance with the applicable European Assessment Document

The performances given in Section 3 are only valid if the fastener is used in compliance with the specifications and conditions given in Annex B.

The verifications and assessment methods on which this European Technical Assessment is based lead to the assumption of a working life of the fasteners of at least 50 years. The indications given on the working life cannot be interpreted as a guarantee given by the producer, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

3 Performance of the product and references to the methods used for its assessment

3.1 Mechanical resistance and stability (BWR 1)

Essential characteristic	Performance
Characteristic resistance for tension and shear loads	See Annex C 1
Fastener distances and spacing	See Annex B 3 and C 1
Durability	Corrosion Resistance Class (CRC) III in accordance with EN 1993-1-4:2015

3.2 Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	Class A1
Resistance to fire	No performance assessed

Assessment and verification of constancy of performance (AVCP) system applied, with reference to its legal base

In accordance with EAD No. 330030-00-0601 the applicable European legal act is: [97/161/EG]. The system to be applied is: 2+

The technical documentation comprises all information of the holder of this ETA necessary for the production, installation and maintenance of the fastener; these are in particular design drawings. The part to be treated confidentially is deposited with Deutsches Institut für Bautechnik and, as far as this is relevant to the tasks of the approved bodies involved in the procedure of attestation of conformity, shall be handed over to the approved body.



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English translation prepared by DIBt

5 Technical details necessary for the implementation of the AVCP system, as provided for in the applicable European Assessment Document

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited with Deutsches Institut für Bautechnik.

Issued in Berlin on 13 March 2019 by Deutsches Institut für Bautechnik

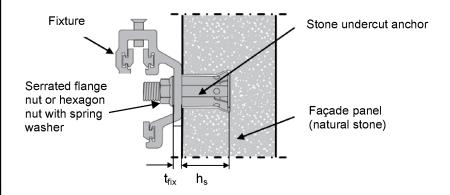
BD Dipl.-Ing. Andreas Kummerow Head of Department

beglaubigt: Aksünger

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Installed condition



Product description:

Hilti undercut anchor HSU-R with flange nut HSU-R FN or with commercial standard spring washer and nut

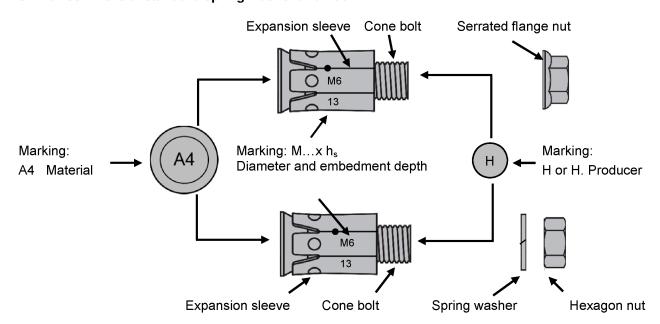


Table A1: Materials

Designation	Material
HSU-R Cone bolt with expansion sleeve	Stainless steel A4 according to EN 10 088: 2014
HSU-R FN Serrated flange nut	Stainless steel A4-80, according to EN 10 088: 2014
Spring washer	Stainless steel A4-80, according to EN 10 088: 2014
Hexagon nut	Stainless steel A4-80, according to EN 10 088: 2014

HSU-R	
Product description Installed condition and marking Materials	Annex A1

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Specifications of intended use

Anchorages subject to:

Static and quasi-static loading.

Base material:

- Façade panels made of natural stone in accordance with EN 1469:2015.
- Natural stone free of open seams and mechanically active cracks and alterations.
- · Natural stone classified in accordance with Table B1.
- · Characteristic values of the panels correspond to Table B2.

Table B1: Stone groups

Stone group		Natural stone type	Boundary conditions	
ı	High-quality intrusive rocks (plutonic rocks)	granite, granitite, tonalite, diorite, monzonite, gabbro, other magmatic plutonic rocks	None	
II	Metamorphic rocks with "hard stone characteristics"			
III	High-quality extrusive rocks (volcanic rocks)	basalt and basaltlava without harmful ingredients (e.g. sun burner basalt)	Minimum density ρ: basalt: 2,7 kg/dm³ basaltic lava: 2,2 kg/dm³	
IV	Sedimentary rocks with "hard stone characteristics" ¹⁾	Sandstone, limestone and marble	Minimum density ρ: sandstone: 2,1 kg/dm³	

¹⁾ For façade panels made of natural stones with planes of anisotropies, the difference between the flexural strength determined parallel to the planes of anisotropy and perpendicular to the edges of the planes of anisotropy shall not be more than 50 %.

Use conditions (Environmental conditions):

According to EN 1993-1-4:2015 dependent on Corrosion Resistancy Class (see ETA sect 3.1).

Design:

- Anchorages are designed under the responsibility of an engineer experienced in anchorages and façade design.
- Verifiable calculation notes and drawings are prepared taking account of the loads to be anchored.
- Anchorages under static or quasi-static loading are designed in accordance with:
 EOTA Technical Report TR 062 Design of fasteners for façade panels made of natural stone.

HSU-R	
Intended use Installation parameters	Annex B2

English translation prepared by DIBt



Installation:

- The undercut drill holes are prepared at the factory or on site under workshop conditions. In case of drilling on site, supervision of the person responsible for technical matters of the site or a skilled representative thereof is required.
- The undercut drill holes are drilled with a special drill bit according to Table B4. The drill bit should be used with a special HSU ADT/MDT drilling machine. Other suitable drilling machines may also be used.
- The drill dust shall be removed from the drill hole.
- In case of an aborted drill hole, the newly drilled hole must be placed with a minimum spacing of twice the depth of the aborted drill hole.
- The geometry of the drill holes shall be checked in 1% of all drillings. The following dimensions are to be checked and documented following the manufacturer's instructions and using the gauge in accordance with Table B3.
 - Diameter of the drill hole do,
 - Depth of the drill hole h₁,
 - Diameter d₁
 - Height of the undercut h₂.

If the tolerances in accordance with Table B3 are not met, the drill hole geometry shall be checked in 25 % of the performed drillings. No subsequently checked drill hole may exceed the tolerances, otherwise all drill holes shall be controlled. Drill holes not meeting the tolerances shall not be used for anchor installation.

Note: Checking the drill hole geometry of 1% of the drill holes means that on one out of 25 slabs with four drill holes in each slab (100 drill holes) one drill hole shall be checked. If the tolerances given in Table B3 are not met, then the control shall be increased to 25 % of the drillings e.g. one drill hole on each of the 25 slabs.

- During transport and storage on site the façade panels are protected from damages. The façade panels shall not be mounted with jerking motions to avoid damage to the panels. If necessary, lifting devices can be used. Façade panels or reveal slabs with incipient cracks shall not be installed.
- Overhead installation is allowed.

HSU-R	
Intended use Installation parameters	Annex B3

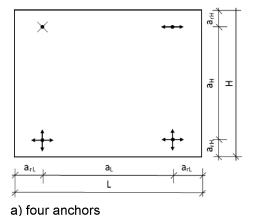


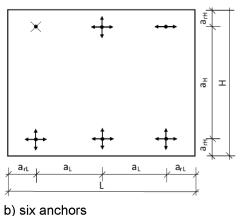
Table B2: Properties of natural stone panels

Nominal panel thickness (stone group I /	/ II (Tab. B1))	h_{nom}	[mm]	20 ≤ h _{nom}
Minimum panel thickness (stone group I	/ II (Tab. B1))	h _{min} 1)	[mm]	h _s + 5 mm
Nominal panel thickness (stone group III	l / IV (Tab. B1))	h_{nom}	[mm]	$25 (30)^{2)} \le h_{nom}$
Minimum panel thickness (stone group I	II / IV (Tab. B1))	h _{min} 1)	[mm]	h _s + 10 mm
Maximum panel size		А	[m²]	3,0
Maximum side length		H und L	[m]	3,0
Number of anchors (rectangular arrangement)		N	[-]	4 or 6
Minimum edge distance ³⁾		a _{rH} , _{min} , a _{rL} , _{min}	[mm]	50
Maximum edge distance		a _{rH} , _{max} , a _{rL} , _{ma}	ıx [mm]	0,25 · L and 0,25 · H
Minimum spacing ³⁾		a_L and a_H	[mm]	8 · h _s
Minimum characteristic flexural strength	in accordance wit	th EN 12372		
Padang Cristallo G603 (G3503), China	stone group I	$\sigma_{5\%}$	[N/mm²]	12,4
Nero Assoluto, Zimbabwe	stone group I	σ _{5%}	[N/mm²]	26,3
Jura Limestone (yellow), Germany	stone group IV	$\sigma_{5\%}$	[N/mm²]	14,1

¹⁾ Minimum panel thickness is equal to the lower limit of tolerance.

Figure B1: Façade panel with fixing points





 $\begin{array}{ll} a_{rL}, \ a_{rH} & \text{edge distance of a fastener to the panel edge} \\ a_L, \ a_H & \text{spacing - distance between fasteners} \\ L & \text{greater length of the façade panel} \\ H & \text{smaller length of the façade panel} \end{array}$

× ↑ Fixed point

Horizontal skid

Horizontal and vertical skid

Substructure according to TR 062

HSU-R	
Intended use Installation parameters	Annex B4

²⁾ For sandstone, limestone and basaltic lava: panel thickness ≥ 30 mm, if the panel manufacturer warranted lowest expected value (5 % fractile) of the flexural strength is < 8 N/mm².

³⁾ For small fitting or fill-in pieces the minimum edge distance or spacing shall be chosen according to the geometrical boundary conditions. In case of design under static loading using FEM, smaller edge distances are allowed.

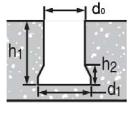




Table B3: Installation parameters

Size			М6	М8
Embedment depth	h _s	[mm]	$(10 \le h_s \le 38) +0.4 / -0.1$	
Drill hole depth	h ₁	[mm]	h _s +	0,5
Diameter of drill hole	d_0	[mm]	11 +0,4 / -0,2	13 +0,4 / -0,2
Diameter of undercut	d ₁	[mm]	13,5 ± 0,3	15,5 ± 0,3
Height of undercut	h_2	[mm]	4,5 ±0 ,5	4,5 ± 0,5
Installation torque moment	T_{inst}	[Nm]	6	10
Width across flats	SW	[mm]	10	13
Max. diameter of clearance hole in fixture	d_f	[mm]	7	9
Max. fixture thickness	\mathbf{t}_{fix}	[mm]	10	14

Figure B2: Geometry of drill hole



HSU-R	
Intended use Installation parameters	Annex B5



Drill bit HSU CDB...



Hilti gauge HSU IG...



Hilti setting tool HSU ST-G...



Table B4: Drilling and setting tools

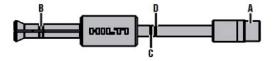
Anchor	Drilling	Drill hole check	Installation
		11/13.5	
HSU-R M6	HSU CDB M6	HSU IG 11/13.5	HSU ST-G M6
HSU-R M8	HSU CDB M8	HSU IG 13/15.5	HSU ST-G M8

HSU-R	
Intended use Drill bit, gauge and setting tool	Annex B6

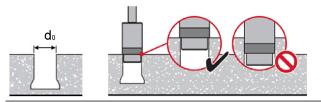


Installation instruction Drilling and cleaning of the undercut drill hole

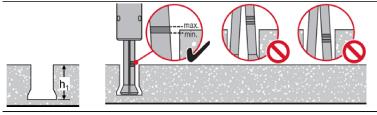
Checking dimensions of drill hole with gauge



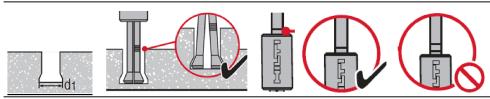
A) Drill hole diameter do



B) Drill hole depth h₁



C) Diameter of the undercut d₁



D) height of the undercut h₂



HSU-R Intended use Installation instructions Annex B7



Installation of the undercut anchor



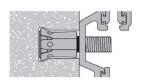
Checking of the embedment depth

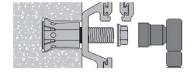


Checking of red ring visibility (proof of correct expansion)



Installation of the fixture







Intended use Installation instructions

Annex B8



Table C1: Characteristic resistance

Size		M6			М8			
Designation of natural	stone		Padang Cristallo G603 (G3503)	Nero Assoluto	Jura Limestone (yellow)	Padang Cristallo G603 (G3503)	Nero Assoluto	Jura Limestone (yellow)
Country of origin			China	Zimbabwe	Germany	China	Zimbabwe	Germany
Petrographic description	on		Granite	Gabbro	Limestone	Granite	Gabbro	Limestone
Panel thickness	h	[mm]	30	25	35	30	25	35
Edge distance	a _r	[mm]	100	150	150	100	150	150
Embedment depth	hs	[mm]	13	13	15	15	15	21
Characteristic resista	ance							
Tension load	N _{Rk} ²⁾	[kN]	4,0	11,6	6,2	6,0	17,0	10,2
Shear load	$V_{Rk}^{2)}$	[kN]	6,6	11,8	8,4	6,9	21,4	11,1
Partial safety factor	γ _M ¹⁾	[-]	1,8					
Combined tension and shear load:								
Trilinear limit value	Х		1,2	1,0	1,2	1,2	1,0	1,0

Characteristic resistance for steel failure Table C2:

Size		М6	M8
Characteristic resistance under tension load	N _{Rk,s} [kN]	16,1	29,3
Partial safety factor	γ _{Ms,N} ¹⁾ [-]	1	,5
Characteristic resistance under shear load	V _{Rk,s} [kN]	9,7	17,6
Partial safety factor	γ _{Ms,v} ¹⁾ [-]	1,	25

¹⁾ In absence of national regulations.

Annex C1

In absence of national regulations.
 For other natural stones according to Table B1, the resistance is determined in accordance with Technical Report 062 "Design of fasteners for façade panels made of natural stone".



Setting instructions

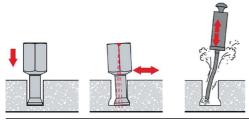
*For detailed information on installation see instruction for use given with the package of the product



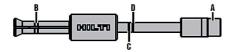
Safety regulations.

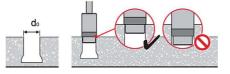
Review the Material Safety Data Sheet (MSDS) before use for proper and safe handling! Wear well-fitting protective goggles and protective gloves when working with Hilti HSU-R.

Drilling and cleaning of the undercut drill hole

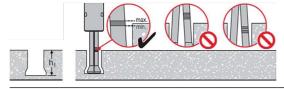


Checking dimensions of drill hole with gauge





A) Drill hole diameter do

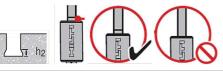


B) Drill hole depth h₁





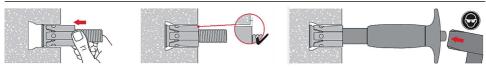
C) Diameter of the undercut d₁



D) H eight of the undercut h₂



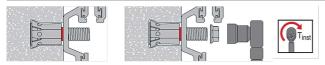
Installation of the undercut anchor



Checking of the setting depth



Installation of the fixture





Reference Test Data

- All data in this section applies to:The load in natural stone provided is for reference only
- Reference tests were conducted as per ASTM C1354-2015 by a HOKLAS accredited laboratory
- Please request test reports from your Hilti representative

Stone Name	Stone Type	Panel thickness [mm]	Anchor	Mean failure load [kN]
Angola black	Granite	30	M8x15	10.45
Brazillian gold	Granite	30	M8x15	5.50
Alexander beige	Limestone	30	M8x15	6.08
Pannawhite	Sandstone	30	M8x15	4.08
Angola black	Granite	40	M8x21	12.43
Alexander beige	Limestone	40	M8x21	7.63



Attn. : To whom it may concern

Date : 1 April 2025 Ref. : 075/AM/SC/25

Subject : Country of Origin- Hilti HSU-R Stone Undercut Anchor

Dear Sir / Madam,

Enclosed please find the information of Hilti HSU-R Stone Undercut Anchor.

Brand Name : Hilti

Model Name : Hilti HSU-R Stone Undercut Anchor

Manufacturer : Hilti Corporation

Address of Manufacturer: FL-9494, Principality of Liechtenstein.

Manufacturer Contact Person: Spencer Cheung

Supplier : Hilti (Hong Kong) Ltd

: 701-704, 7/F, Tower A, Manulife Financial Centre, Address of Supplier

223 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong

Supplier Contact Person : Spencer Cheung (+852 9732 1231)

Country of Origin : China

Should you have further questions, please do not hesitate to contact our Technical Representatives, Customer Service Hotline at 8228-8118, or email us at hksales@hilti.com.

Yours faithfully,

Spencer Chung

Head of Product Leadership Strategy

Spencer C.



Hilti HSU-R Stone Undercut Anchor Job Reference

Year	Project Name	Customer Name	Project type
2023	HO MAN TIN STATION RES (PACKAGE 2)	PERFECT MARBLE COMPANY LIMITED	Residential
2023	KWUN CHUI RD, AREA 56, TMTL 520	PERFECT MARBLE COMPANY LIMITED	Residential
2023	KAI TAK AREA 1F1 (6568) ELDERLY	WAI MING DECORATION	Residential
2023	KAI TAK AREA 4C, SITE 2, NKIL 6552	YAU LIN MARBLES	Residential
2023	6-8 LAI YING ST, NKIL 6549	PERFECT MARBLE COMPANY LIMITED	Residential
2024	YIN PING RD, TAI WO PING (6542)	PERFECT MARBLE COMPANY LIMITED	Residential
2024	HO MAN TIN STATION RES (PACKAGE 2)	PERFECT MARBLE COMPANY LIMITED	Residential
2024	4A-4P SEYMOUR RD	MARMITAR MASONRY H.K. LIMITED	Residential
2024	KAI TAK AREA 4B, SITE 4, NKIL 6591	WAI MING DECORATION	Residential
2024	KAI TAK AREA 1F1 (6568) ELDERLY	WAI MING DECORATION	Residential
2024	KWAI CHUNG HOSPITAL PH2 & 3	WIN GLORY ENGINEERING (HK) LIMITED	Health
2024	KAI TAK AREA 4C, SITE 2, NKIL 6552	YAU LIN MARBLES	Residential
2024	SHING KAI RD, KAI TAK NKIL 6607	ALAN MARBLE ENGINEERING COMPANY	Hospitality
2025	YIN PING RD, TAI WO PING (6542)	PERFECT MARBLE COMPANY LIMITED	Residential
2025	KAI TAK AREA 4B, SITE 4, NKIL 6591	WAI MING DECORATION	Residential