

Alu-TeFix®

SIHGA®



Alu-TeFix® made of hardened stainless steel or in A2

SIHGA® Feature

YOUR Benefit

Alu-TeFix® in A2 fastens wood on aluminium (except SymbioFix® SFT) 2-3 mm without predrilling

prevents the formation of cracks or splitting in almost all hardwood and thermo-wood; saves working time

Alu-TeFix® made of hardened steel fastens wood on TefaFix® T/F without predrilling and countersinking

as TefaFix® absorbs the axial movement from swelling and shrinking of the wood, there is no danger of breakage

SIHGA® drill wings with special shape

pre-drills the boards at 6 mm and prevents lifting of the board while screwing; drilling wings break off when penetrating into the aluminium

SIHGA® further-developed multi-stage head

no displacement or chipping of the wood due to an extra thin head and saw tooth corrugation

in combination with KompeFix® II KF on conventional aluminium and in combination with TefaFlex® T/F on TefaFix® T/F the perfect solution

increases the lifetime of the wood and the screw

including SIHGAFIX® stainless steel, Systemstift® and installation instructions

time-saving, practical, precise; all accessories are included

quantity determination

<https://bemessung.sihga.com/terrace>

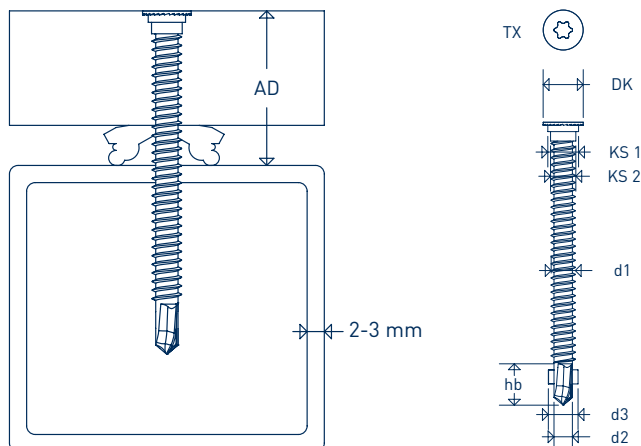
SIHGA® montagepack		Dimension Alu-TeFix®	Add-on Part up to AD	Characteristic Values*			Substructure TefaFix®T/F
Art. Nr.	PU	d1 x L	[mm]	Tensile Force F ₁ [kN] Head	Shear Force F ₂ [kN] Thread	Alu-Wood	
54016	200	5,0 x 51	33	1,96	1,30	2,95	yes
54026	200	5,0 x 61	43	1,96	1,30	3,22	yes

SIHGA® montagepack		Dimension Alu-TeFix® A2	Add-on Part up to AD	Characteristic Values*			Substructure TefaFix®T/F Alu 2-3 mm	
Art. Nr.	PU	d1 x L	[mm]	Tensile Force F ₁ [kN] Head	Shear Force F ₂ [kN] Thread	Alu-Wood		
54066	200	5,0 x 51	33	1,96	0,85	1,40	yes	yes
54076	200	5,0 x 61	43	1,96	0,85	1,40	yes	yes

* characteristic values for dimensioning according to EC 5 and for strength class ρ_k 490 kg/m³ (Larch)

Dimensions [mm] Alu-TeFix®

d1	TX	DK	KS 1	KS 2	d2	d3	hb
5,0	20	8,5	6,5	5,4	3,9	6,4	10



SIHGA® TIP:

When used in combination with woods containing high levels of tannins (such as cumaru, oak, robinia, garapa, etc.) and on other aluminium substructures, we recommend Alu-TeFix® in A2.