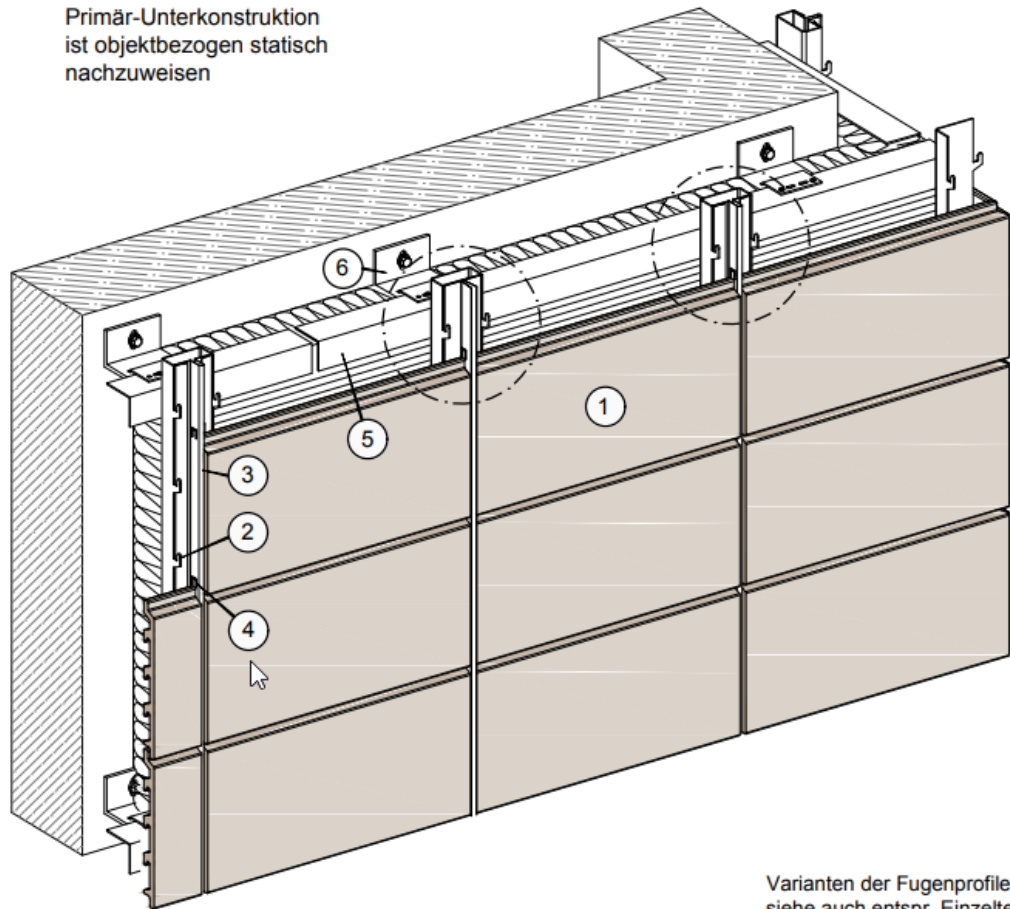


Tonality[®] - ADS System substructure



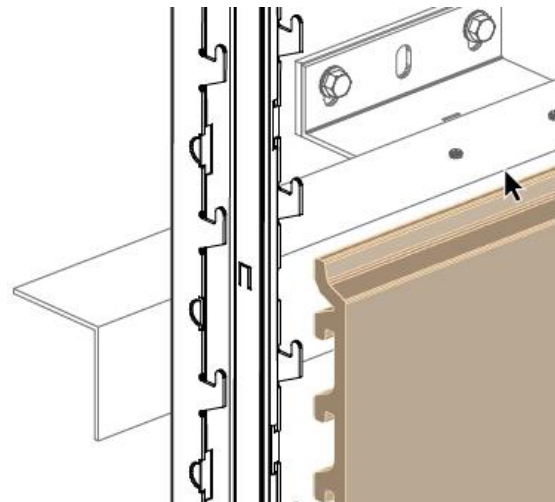
TONALITY[®] system component = the system substructure

Primär-Unterkonstruktion
ist objektbezogen statisch
nachzuweisen



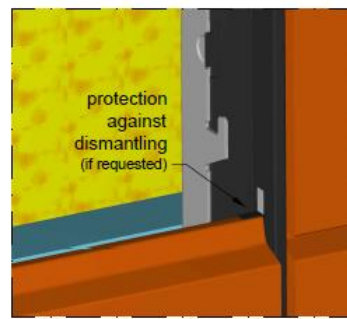
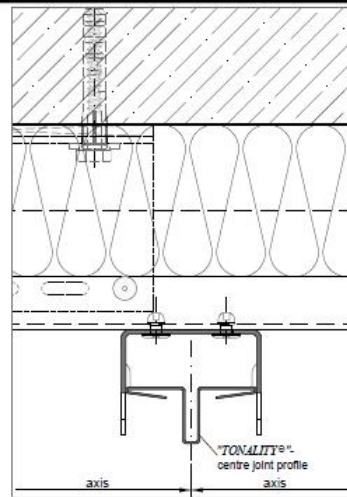
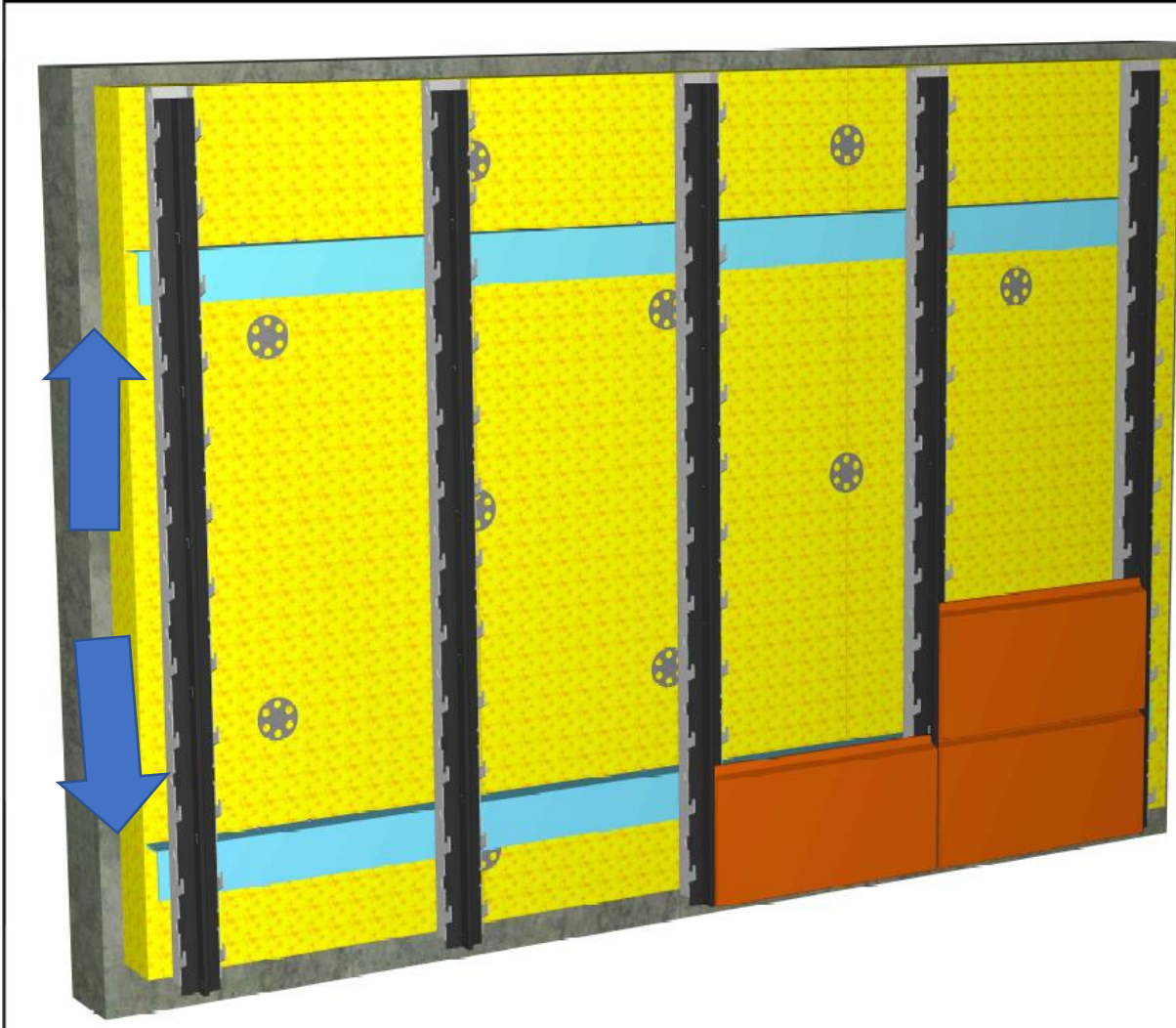
"TONALITY[®]"-Ziegelfassaden-System

- ① "TONALITY[®]"-Fassadenziegel
- ② "TONALITY[®]"-Adaptiv-Vertikalprofil Metall (= System-UK)
- ③ "TONALITY[®]"-Adaptiv-Fugenprofil Metall
- ④ "TONALITY[®]"-Demontagesicherung
- ⑤ Primärunterkonstruktion Aluminium L-Profil (Leistung Verarbeiter)
- ⑥ Primärunterkonstruktion Metall - Wandhalter (Leistung Verarbeiter)



Varianten der Fugenprofile
siehe auch entspr. Einzelteilli

Adaptivsystem (ADS)



"TONALITY®"-Clay tile facade
ADS - Guidline
step 5: centre joint profile

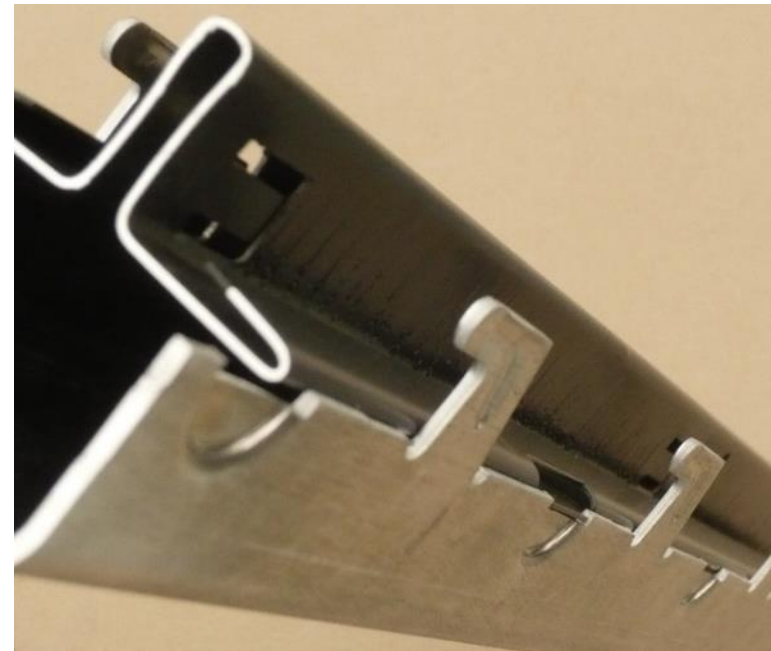
Pre-dimensioning Tonalität® C22 - ADS - System depth 42 mm
vertical Distance between horizontal sub-frame in meter / allowable deflection < L/200 or allowable stress

Grid Length	Grid Height	Characteristic Positive/ Negative wind load w_k in kN / m ² (kPa)													
		Positiv design wind load w_k in kN / m ² (kPa)							Negativ design wind load w_k in kN / m ² (kPa)						
		0,50	0,80	1,00	1,50	2,00	2,50	3,00	0,50	0,80	1,00	1,50	2,00	2,50	3,00
with partial safety factor $g_0 = 1.5$															
400	150	0,82	0,70	0,65	0,57	0,52	0,48	0,45	0,82	0,70	0,65	0,57	0,52	0,48	0,45
	175	0,82	0,70	0,65	0,57	0,52	0,48	0,45	0,82	0,70	0,65	0,57	0,52	0,48	0,45
	200	0,82	0,70	0,65	0,57	0,52	0,48	0,45	0,82	0,70	0,65	0,57	0,52	0,48	0,45
	225	0,82	0,70	0,65	0,57	0,52	0,48	0,45	0,82	0,70	0,65	0,57	0,52	0,48	0,45
	250	0,82	0,70	0,65	0,57	0,52	0,48	0,45	0,82	0,70	0,65	0,57	0,52	0,48	0,45
	300	0,82	0,70	0,65	0,57	0,52	0,48	0,45	0,82	0,70	0,65	0,57	0,52	0,48	0,45
	400	0,82	0,70	0,65	0,57	0,52	0,48	0,45	0,82	0,70	0,65	0,57	0,52	0,48	0,45
600	150	0,72	0,61	0,57	0,50	0,45	0,42	0,39	0,72	0,61	0,57	0,50	0,45	0,42	0,39
	175	0,72	0,61	0,57	0,50	0,45	0,42	0,39	0,72	0,61	0,57	0,50	0,45	0,42	0,39
	200	0,72	0,61	0,57	0,50	0,45	0,42	0,39	0,72	0,61	0,57	0,50	0,45	0,42	0,39
	225	0,72	0,61	0,57	0,50	0,45	0,42	0,39	0,72	0,61	0,57	0,50	0,45	0,42	0,39
	250	0,72	0,61	0,57	0,50	0,45	0,42	0,39	0,72	0,61	0,57	0,50	0,45	0,42	0,39
	300	0,72	0,61	0,57	0,50	0,45	0,42	0,39	0,72	0,61	0,57	0,50	0,45	0,42	0,39
	400	0,72	0,61	0,57	0,50	0,45	0,42	0,39	0,72	0,61	0,57	0,50	0,45	0,42	0,39
800	150	0,65	0,56	0,52	0,43	0,37	0,33	0,30	0,65	0,56	0,52	0,43	0,37	0,33	0,30
	175	0,65	0,56	0,52	0,43	0,37	0,33	0,30	0,65	0,56	0,52	0,43	0,37	0,33	0,30
	200	0,65	0,56	0,52	0,43	0,37	0,33	0,30	0,65	0,56	0,52	0,43	0,37	0,33	0,30
	225	0,65	0,56	0,52	0,43	0,37	0,33	0,30	0,65	0,56	0,52	0,43	0,37	0,33	0,30
	250	0,65	0,56	0,52	0,43	0,37	0,33	0,30	0,65	0,56	0,52	0,43	0,37	0,33	0,30
	300	0,65	0,56	0,52	0,43	0,37	0,33	0,30	0,65	0,56	0,52	0,43	0,37	0,33	0,30
	400	0,65	0,56	0,52	0,43	0,37	0,33	0,30	0,65	0,56	0,52	0,43	0,37	0,33	0,30
1000	150	0,60	0,52	0,47	0,38	0,33			0,60	0,52	0,47	0,38	0,33	0,30	
	175	0,60	0,52	0,47	0,38	0,33			0,60	0,52	0,47	0,38	0,33	0,30	0,27
	200	0,60	0,52	0,47	0,38	0,33			0,60	0,52	0,47	0,38	0,33	0,30	
	225	0,60	0,52	0,47	0,38	0,33	0,30			0,60	0,52	0,47	0,38	0,33	
	250	0,60	0,52	0,47	0,38	0,33				0,60	0,52	0,47	0,38		
	300	0,60	0,52	0,47	0,38	0,33				0,60	0,52	0,47	0,38		
	400	0,60	0,52	0,47	0,38	0,33	0,30			0,60	0,52	0,47	0,38		
1200	150	0,57	0,48	0,43	0,35				0,57	0,48	0,43	0,35	0,30		
	175	0,57	0,48	0,43	0,35				0,57	0,48	0,43	0,35	0,30	0,27	
	200	0,57	0,48	0,43	0,35				0,57	0,48	0,43	0,35	0,30		
	225	0,57	0,48	0,43	0,35				0,57	0,48	0,43	0,35			
	250	0,57	0,48	0,43	0,35				0,57	0,48	0,43	0,35			
	300	0,57	0,48	0,43	0,35				0,57	0,48	0,43	0,35			
	400	0,57	0,48	0,43	0,35				0,57	0,48	0,43				
1400	150														
	175														
	200	0,54	0,44	0,39					0,54	0,44	0,39	0,32			
	225	0,54	0,44	0,39					0,54	0,44	0,39				
	250	0,54	0,44	0,39					0,54	0,44	0,39				
	300	0,54	0,44	0,39					0,54	0,44	0,39				
	400	0,54	0,44	0,39					0,54	0,44					
1600	150														
	175														
	200	0,52	0,41	0,37					0,52	0,41	0,37	0,30			
	225	0,52	0,41	0,37					0,52	0,41	0,37				
	250	0,52	0,41	0,37					0,52	0,41	0,37				
	300	0,52	0,41	0,37					0,52	0,41	0,37				
	400	0,52	0,41	0,37					0,52	0,41					

TONALITY[®] - Adaptivsystem (ADS)

TWO SYSTEM RAILS - ONE PRINCIPLE

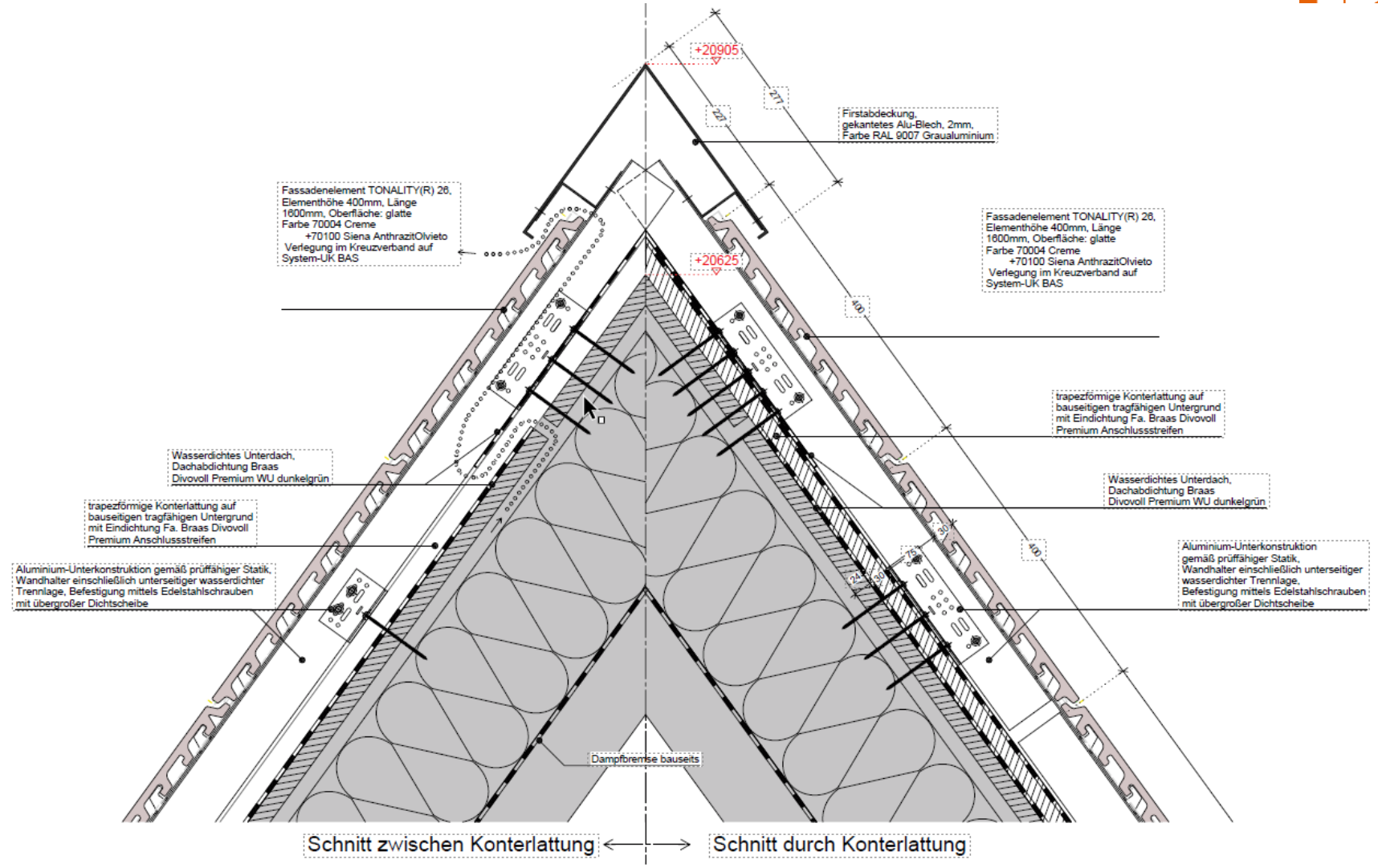
ADS system support profile and joint profile





TONALITY® - From the facade to the roof

Product Management / Fredi Jung 11-02-2022



With TONALITY[®] over the roof

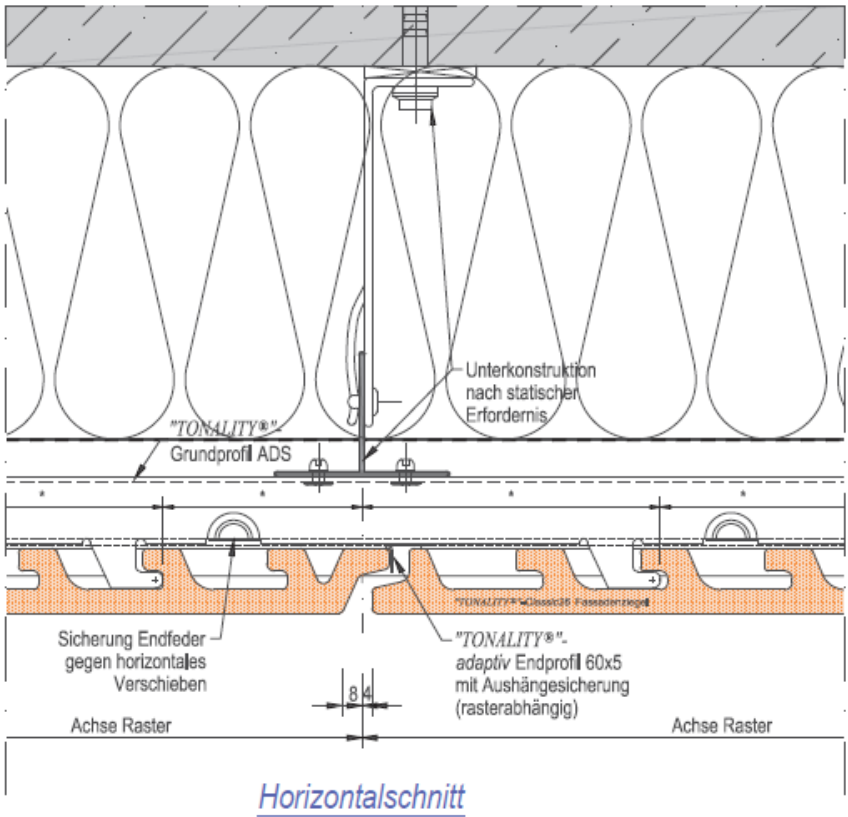
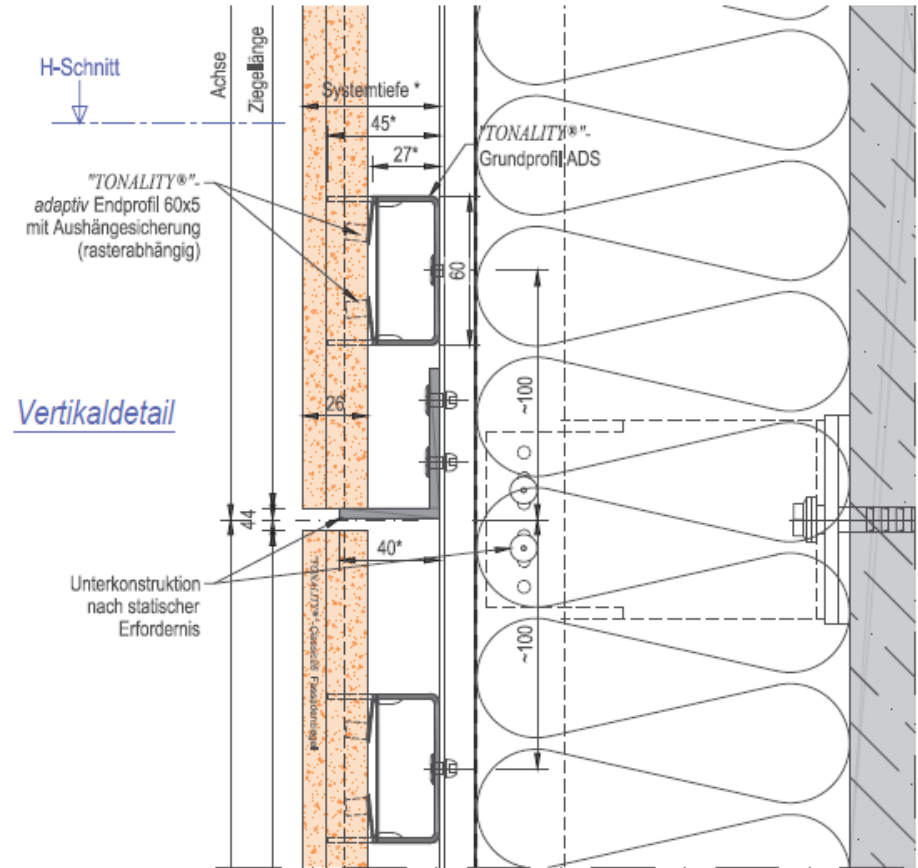


With TONALITY[®] over the roof



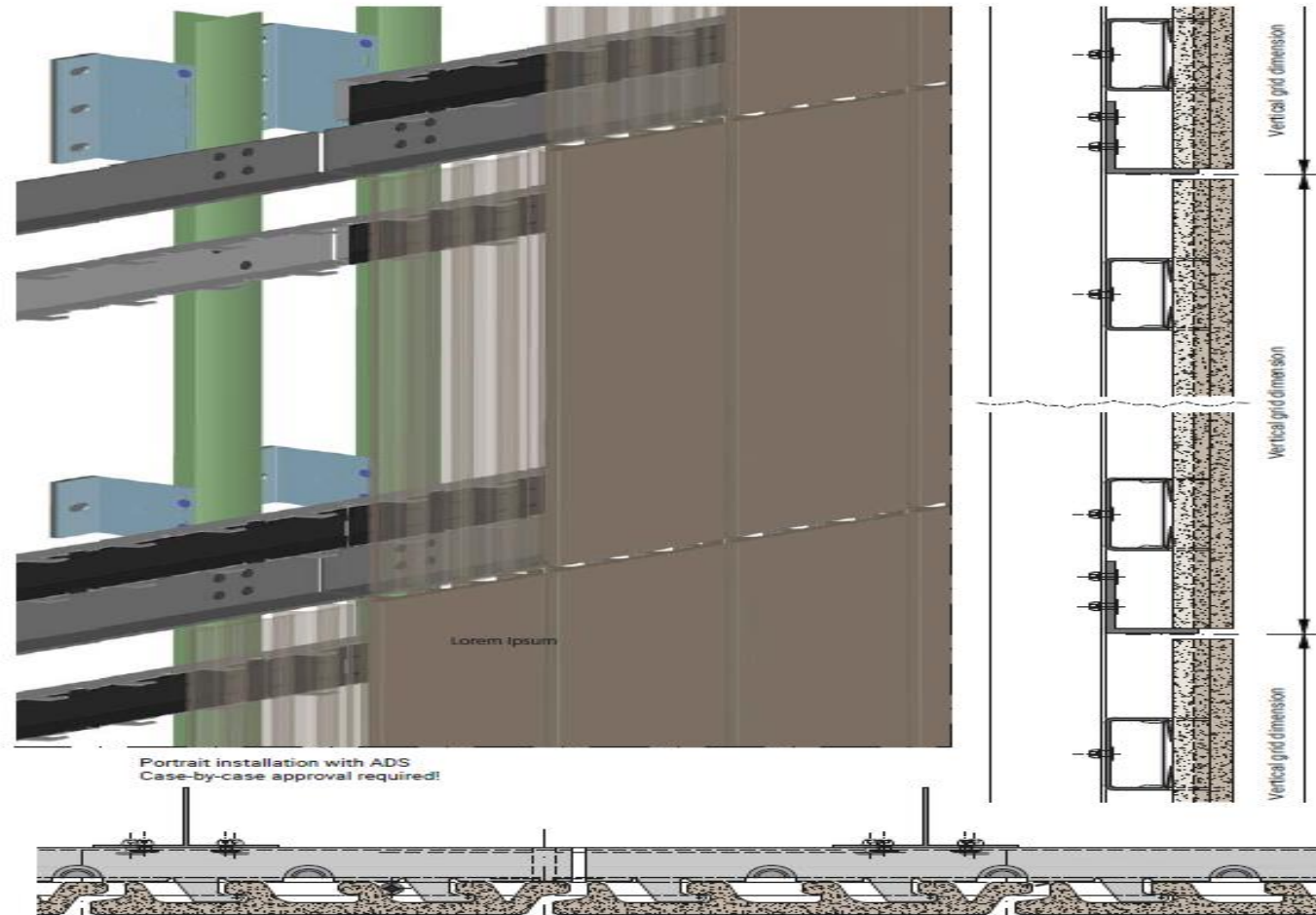
With TONALTIY - Vertical installation of the ceramic elements

ROTATE" THE FAÇADE WITH STANDARD PROFILES AND AN ADDITIONAL L-PROFILE TO TRANSFER THE LOAD.



With TONALTIY - Vertical installation of the ceramic elements

ROTATE" THE FAÇADE WITH STANDARD PROFILES AND AN ADDITIONAL L-PROFILE TO TRANSFER THE LOAD.



With TONALITY - Vertical installation of the ceramic elements



ROTATE" THE FAÇADE WITH STANDARD PROFILES AND AN ADDITIONAL L-PROFILE TO TRANSFER THE LOAD.



With TONALITY - Vertical installation of the ceramic elements



ROTATE" THE FAÇADE WITH STANDARD PROFILES AND AN ADDITIONAL L-PROFILE TO TRANSFER THE LOAD.



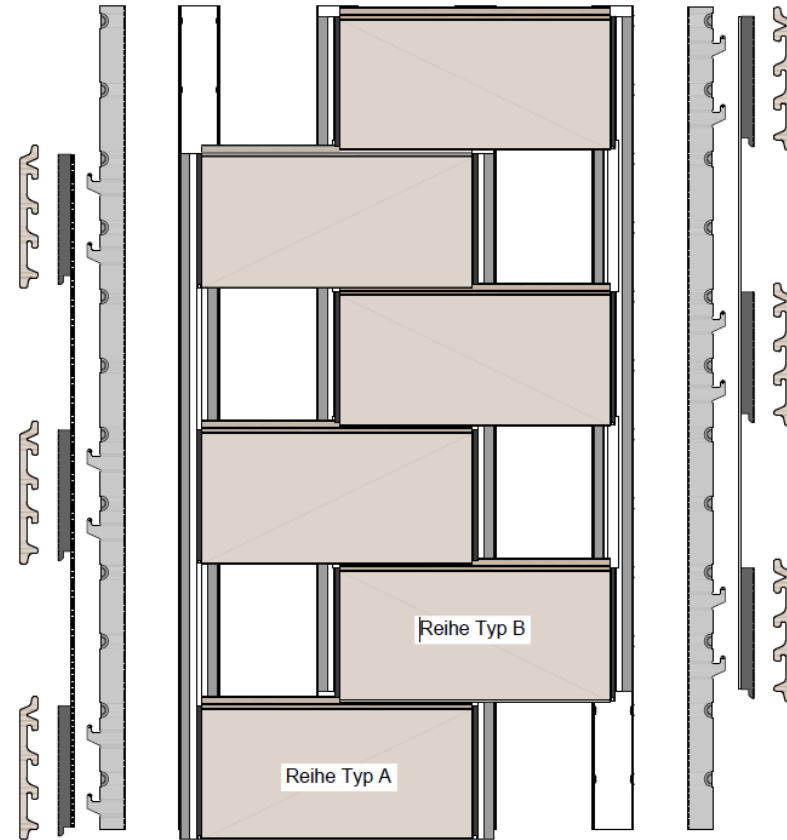
With TONALTIY - Vertical installation of the ceramic elements

ROTATE" THE FAÇADE WITH STANDARD PROFILES AND AN ADDITIONAL L-PROFILE TO TRANSFER THE LOAD.



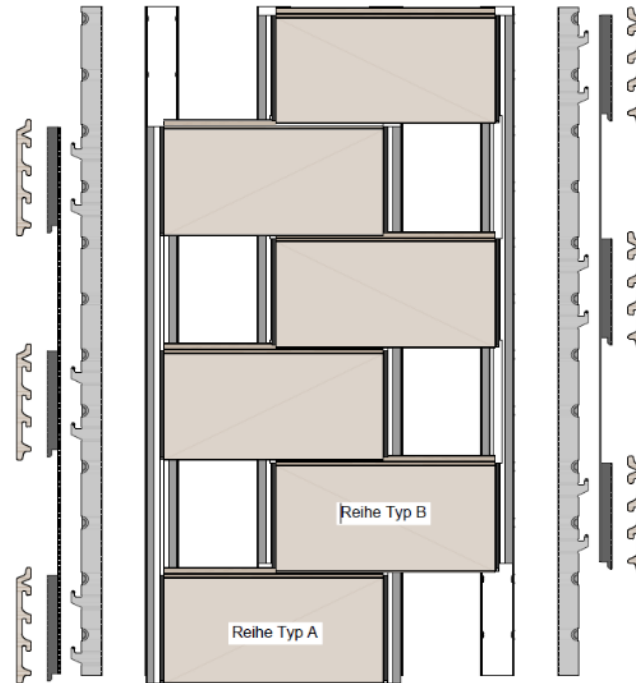
TONALITY[®] - simple and safe to implement

ADS - a support system for all cases - universally applicable



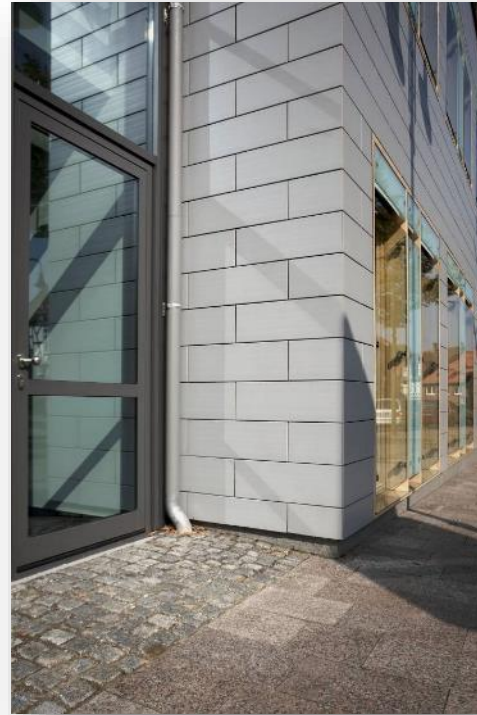
With TONALITY[®] - laying in a bond

THE PATENTED "T-LINE" ADS SYSTEM ENABLES SIMPLE AND PRECISE LAYING IN THE BOND



With TONALITY[®] - laying in a bond

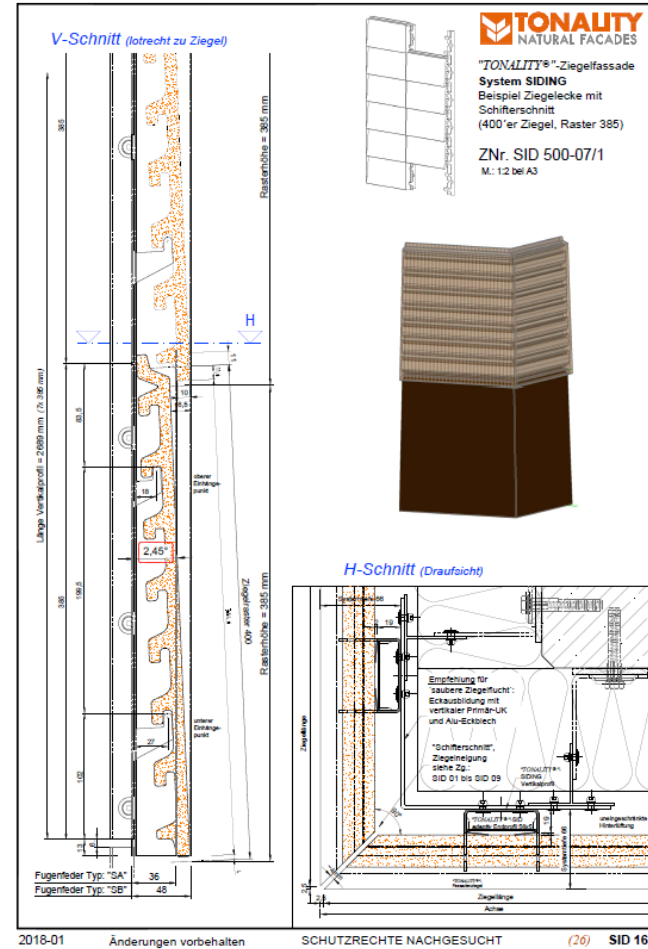
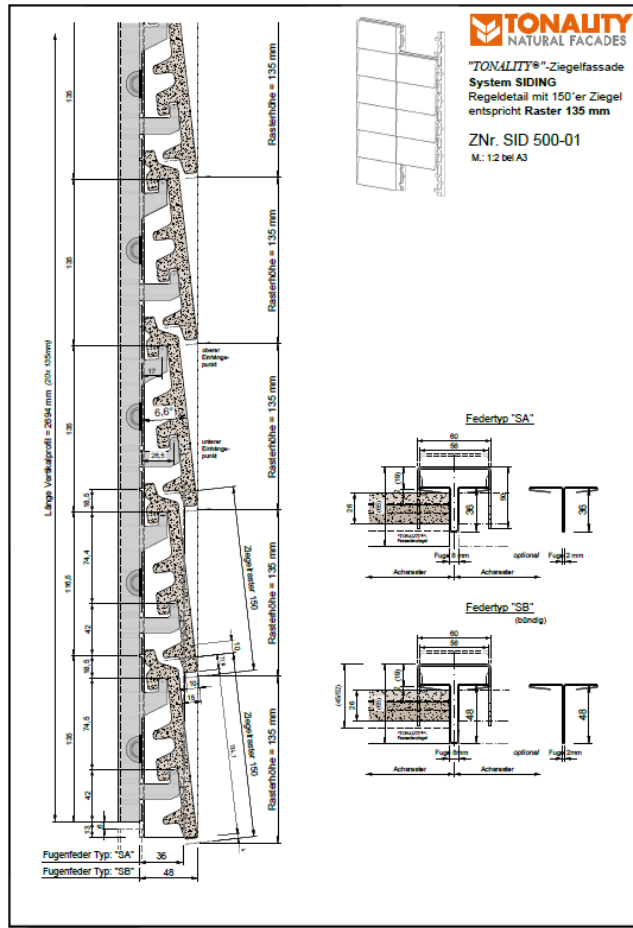
THE PATENTED "T-LINE" ADS SYSTEM ENABLES SIMPLE AND PRECISE LAYING IN THE BOND



With TONALITY[®] - laying in a bond

THE PATENTED "T-LINE" ADS SYSTEM ENABLES SIMPLE AND PRECISE LAYING IN THE BOND





ADS Siding



Pure aesthetics for ventilated facades

ADS Siding / Inverted Formwork



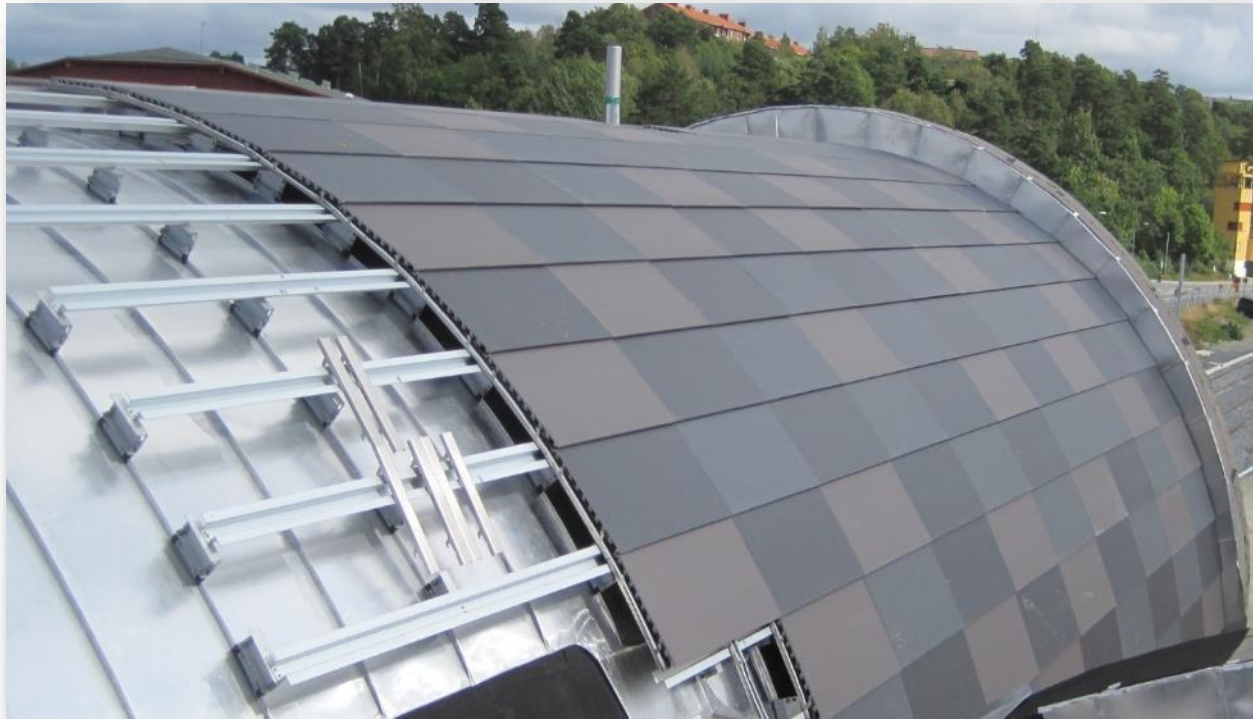
Pure aesthetics for ventilated facades

22

Getting your act together with TONALITY



THE PATENTED HOOK SYSTEM ENABLES HARMONIOUS CURVES WITH STANDARD SYSTEM-UK



TONALITY[®] - simple and safe to implement

ADS - a support system for all cases - universally applicable



AGA Sporvagen depan,
Lidingo, Stockholm /
Sweden

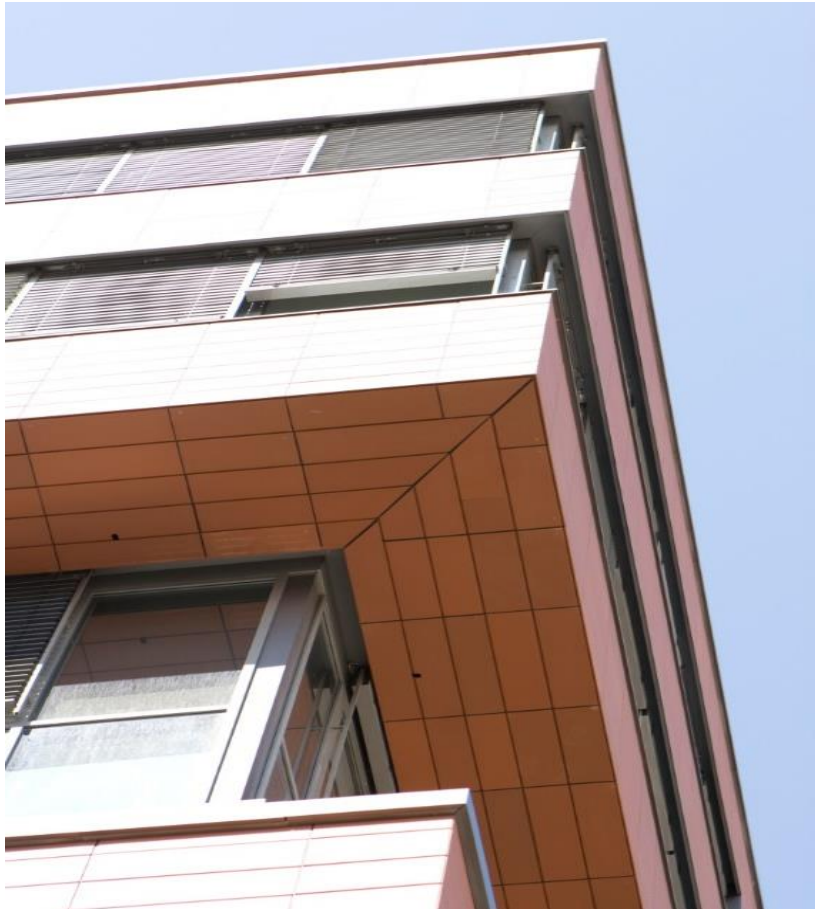
With TONALITY[®] - as an underblanket

THE PATENTED HOOK SYSTEM ALSO ENABLES SUSPENDED CEILING INSTALLATION WITH STANDARD SUPPORT PROFILES.



With TONALITY[®] - as an underblanket

THE PATENTED HOOK SYSTEM ALSO ENABLES SUSPENDED CEILING INSTALLATION WITH STANDARD SUPPORT PROFILES.



With TONALITY[®] - as an underblanket

THE PATENTED HOOK SYSTEM ALSO ENABLES SUSPENDED CEILING INSTALLATION WITH STANDARD SUPPORT PROFILES.



With TONALITY[®] - as an underblanket

THE PATENTED HOOK SYSTEM ALSO ENABLES SUSPENDED CEILING INSTALLATION WITH STANDARD SUPPORT PROFILES.



With TONALITY[®] - as an underblanket

THE PATENTED HOOK SYSTEM ALSO ENABLES SUSPENDED CEILING INSTALLATION WITH STANDARD SUPPORT PROFILES.

