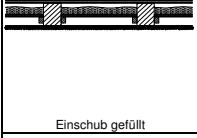


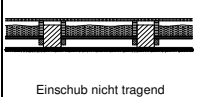
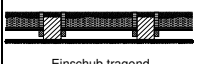

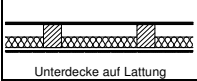
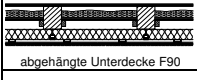
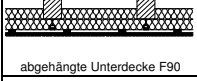
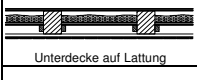
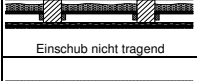
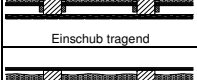



FLIESESTRICHE auf HOLZBALKENDECKEN

1				HAF		KNAUF	XELLA	SSB / GETZNER	EFFIDUR			
2		$L_{n,w}$ (C150-2500) R_w (C50-5000; C _{tr} ,50-5000)		Rohdecken	50 ZE 40 MF	35 FE 40 MF	20 Power SE 20 MF	53 ZE - Lewis 12 Sylomer TSS	28 FE - WP 1000 25 MF	28 FE - WP 1000 12 MF	28 FE - WP 1000 15 Phonewell	28 FE - WP 1000 4 Vlies
3		Variation	Aufbau									
4	Ist-Zustand		24 mm Dielung 220 mm Balken Einschub m' = x kg/m² Rohrputz m' = 15/26 kg/m²	X3/4 (0 kg/m²) $L_{n,w} = 72$ (-2) dB $R_w = 41$ (-2;-11) dB X5/6 (20 kg/m²) $L_{n,w} = 70$ (-2) dB $R_w = 45$ (-1;-9) dB X7/8 (80 kg/m²) $L_{n,w} = 69$ (-3) dB $R_w = 47$ (0;-7) dB X9/10 (120 kg/m²) $L_{n,w} = 69$ (-3) dB $R_w = 48$ (-1;-9) dB	X23/24 (0 kg/m²) $L_{n,w} = 49$ (5) dB $R_w = 71$ (-12;-24) dB X25/26 (80 kg/m²) $L_{n,w} = 45$ (3) dB $R_w = 75$ (-14;-29) dB							
			24 mm Dielung 220 mm Balken Einschub m' = 80 kg/m² Rohrputz m' = x kg/m²	X7/8 (15 kg/m²) $L_{n,w} = 69$ (-3) dB $R_w = 47$ (0;-7) dB X11/12 (26 kg/m²) $L_{n,w} = 65$ (0) dB $R_w = 50$ (-1;-10) dB								
			(22 mm HWST) 220 mm Balken 100 mm Hohlraumdämmung Rohrputz m' = 26 kg/m²	X117/118 $L_{n,w} = 67$ (1) dB $R_w = 54$ (-5;-17) dB X119/120 $L_{n,w} = 48$ (5) dB $R_w = 75$ (-15;-30) dB		X115/116 (ohne HWST) $L_{n,w} = 46$ (8) dB $R_w = 73$ (-15;-30) dB						
7	Sanierung von oben		22 mm HWST 220 mm Balken, Verstärkung Einschub m' = 120 kg/m² Rohrputz m' = 26 kg/m²	X35/36 $L_{n,w} = 65$ (0) dB $R_w = 55$ (-2;-12) dB X73/74 $L_{n,w} = 65$ (1) dB $R_w = 56$ (-3;-13) dB	X51/52 $L_{n,w} = 49$ (2) dB $R_w = 76$ (-16;-32) dB	X49/50 $L_{n,w} = 53$ (3) dB $R_w = 69$ (-12;-26) dB	X55/56 $L_{n,w} = 49$ (3) dB $R_w = 70$ (-10;-25) dB	X69/70 $L_{n,w} = 49$ (6) dB $R_w = 72$ (-14;-29) dB	X71/72 $L_{n,w} = 52$ (4) dB $R_w = 70$ (-12;-26) dB	X67/68 $L_{n,w} = 54$ (3) dB $R_w = 67$ (-6;-20) dB	X65/66 $L_{n,w} = 55$ (3) dB $R_w = 66$ (-7;-20) dB	
			220 mm Balken, Verstärkung zus. Auffüllung gebunden Einschub m' = 120 kg/m² Rohrputz m' = 26 kg/m²	X75/76 (Xella) $L_{n,w} = 41$ (7) dB $R_w = 77$ (-15;-30) dB X81/82 (Knauf) $L_{n,w} = 42$ (7) dB	X77/78 (Xella) $L_{n,w} = 44$ (8) dB $R_w = 75$ (-17;-32) dB							
			22 mm HWST 200 mm Stegträger 220 mm Balken 100 mm Hohlraumdämmung Rohrputz m' = 26 kg/m² zus. Träger und Beplankung	X107/108 $L_{n,w} = 56$ (2) dB $R_w = 61$ (-2;-7) dB X113/114 $L_{n,w} = 40$ (5) dB $R_w = 79$ (-18;-33) dB								
12	Sanierung von oben + unten		24 mm Dielung 220 mm Balken 100 mm Hohlraumdämmung 30 mm Lattung 12,5 mm GKB									
			24 mm Dielung 220 mm Balken Einschub m' = 80 kg/m² Abhänger, 100 mm Dämmung 2 x 12,5 mm GF	X183/184 $L_{n,w} = 50$ (1) dB $R_w = 65$ (-6;-21) dB		X185/186 $L_{n,w} = 37$ (5) dB $R_w = 78$ (-15;-31) dB						
			24 mm Dielung 220 mm Balken 100 mm Hohlraumdämmung Abhänger, 100 mm Dämmung 2 x 12,5 mm GF	X177/178 $L_{n,w} = 53$ (3) dB $R_w = 60$ (-5;-17) dB	X175/176 $L_{n,w} = 39$ (7) dB $R_w = 80$ (-14;-29) dB		X173/174 (mit Dielen) $L_{n,w} = 41$ (2) dB $R_w = 77$ (-12;-27) dB X179/180 (ohne Dielen) $L_{n,w} = 38$ (4) dB $R_w = 79$ (-14;-29) dB					
			24 mm Dielung 220 mm Balken Einschub m' = 80 kg/m² 30 mm Lattung 12,5 mm GKB	X1/2 $L_{n,w} = 74$ (-2) dB $R_w = 43$ (-1;-8) dB								
			24 mm Dielung 220 mm Balken Einschub m' = 80 kg/m² 27 mm Federschiene 2 x 12,5 mm GF	X191/192 $L_{n,w} = 60$ (0) dB $R_w = 55$ (-5;-16) dB	X189/190 $L_{n,w} = 40$ (8) dB $R_w = 78$ (-15;-30) dB		X187/188 $L_{n,w} = 44$ (6) dB $R_w = 70$ (-11;-26) dB					
			22 mm HWST 220 mm Balken, Verstärkung Einschub m' = 120 kg/m² 27 mm Federschiene 12,5 mm GF	X205/206 $L_{n,w} = 61$ (1) dB $R_w = 57$ (-3;-14) dB	X201/202 $L_{n,w} = 42$ (5) dB $R_w = 79$ (-17;-33) dB		X199/200 $L_{n,w} = 48$ (5) dB $R_w = 71$ (-13;-27) dB					
16			24 mm Dielung 220 mm Balken Einschub m' = 80 kg/m² Träger / Dämmung GKF (F30 - F90?)	(STEICO)	ME							