



Technische Daten

- 1 Stahltragwerk
- 2 Grundierung laut Zulassung
- 3 PROMAPAIN[®] -SC3, Schichtdicke nach Verhältniswert A_p/V , Feuerwiderstand und kritische Temperatur

Nachweis: ETA-13/0356
EXOVA WARRINGTON 344714

Feuerwiderstandsdauer

R30 bis R180 nach EN 13501-2, abhängig vom A_p/V -Wert sowie der kritischen Stahltemperatur nach Eurocode.

Vorteile auf einen Blick

- Geprüft und zugelassen für H-, I- sowie Hohlprofile
- Geringe Schichtstärken
- Dauerhafte, leichte Beschichtung, die einen Feuerschutz bis zu 180 Minuten gewährleistet
- Optische Struktur des Stahlbauteils bleibt erhalten
- Lösemittelfrei

Anwendungsgebiete

PROMAPAIN[®] -SC3 ist ein Anstrich zur feuerschutztechnischen Ertüchtigung von I-, H- und Hohlprofilen. Klassifiziert sind Stahlbauteile mit einem A_p/V -Wert von 46 bis 346 m^{-1} , mit drei- und vierseitiger Beflammung und einer kritischen Stahltemperatur von 350 bis 750 °C.

Verarbeitungstemperatur

PROMAPAIN[®] -SC3 darf aufgetragen werden, wenn die Temperatur des Trägermaterials und der Umgebungsluft mindestens 3 °C beträgt. Diese Temperatur muss 24 Stunden vor und nach der Applikation beibehalten werden. Die maximale Temperatur des Trägermaterials und der Umgebungsluft darf 35 °C nicht überschreiten.

Vorbereitung des Trägermaterials

Das Trägermaterial muss sauber, trocken und frei von Staub, losem Walzunder, losem Rost, Öl und anderen Störeinflüssen sein, die eine gute Haftung verhindern.

PROMAPAIN[®] -SC3 kann sowohl auf nicht grundiertem als auch auf grundiertem Stahl aufgetragen werden.

Allgemein zugelassene Grundierungen

- Alkyd
 - Zwei-Komponenten-Epoxid
 - zinkreiches Epoxid
 - Zinksilikat
 - Verzinkte Stahlbauteile*
- * ätzender Anstrich und Grundierung erforderlich

Für alle anderen Primer kontaktieren Sie bitte Promat.

Hinweise zu den Beschichtungsdicken

Die feuerschutztechnische Beschichtung von Stahlstützen und -trägern ergibt sich aus der geforderten Feuerwiderstandsdauer, der Bemessungstemperatur (maximale kritische Stahltemperatur) und dem Verhältniswert A_p/V . Angaben zu den entsprechenden Schichtdicken sind den Tabellen zu entnehmen.

Tabelle 1 - Schichtdicken R30 für offene Träger in dreiseitiger Ausführung



R30	Trockenschichtdicke [µm]								
	Kritische Temperatur [°C]								
A_p/V [m ⁻¹]	350	400	450	500	550	600	650	700	750
66	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
70	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
75	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
80	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
85	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
90	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
95	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
100	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
105	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
110	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
115	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
120	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
125	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
130	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
135	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
140	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
145	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
150	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
155	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
160	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
165	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
170	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
175	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
180	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
185	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
190	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
195	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
200	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
205	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
210	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
215	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
220	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
225	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
230	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
235	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
240	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
245	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
250	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
255	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
260	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
265	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
270	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
275	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
280	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
285	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
290	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
295	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
300	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
305	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
310	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
315	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
320	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
325	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
330	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
335	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
340	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
342	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845



Tabelle 2 - Schichtdicken R60 für offene Träger in dreiseitiger Ausführung

R60	Trockenschichtdicke [µm]								
	Kritische Temperatur [°C]								
$A_{p/V}$ [m ⁻²]	350	400	450	500	550	600	650	700	750
66	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
70	1.904	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
75	1.977	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
80	2.046	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
85	2.111	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
90	2.175	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
95	2.235	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
100	2.293	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
105	2.349	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
110	2.402	1.845	1.845	1.845	1.845	1.845	1.845	1.845	1.845
115	2.454	1.849	1.845	1.845	1.845	1.845	1.845	1.845	1.845
120	2.503	1.890	1.845	1.845	1.845	1.845	1.845	1.845	1.845
125	2.551	1.930	1.845	1.845	1.845	1.845	1.845	1.845	1.845
130	2.596	1.968	1.845	1.845	1.845	1.845	1.845	1.845	1.845
135	2.641	2.005	1.845	1.845	1.845	1.845	1.845	1.845	1.845
140	2.683	2.041	1.845	1.845	1.845	1.845	1.845	1.845	1.845
145	2.724	2.076	1.845	1.845	1.845	1.845	1.845	1.845	1.845
150	2.764	2.109	1.845	1.845	1.845	1.845	1.845	1.845	1.845
155	2.803	2.142	1.845	1.845	1.845	1.845	1.845	1.845	1.845
160	2.840	2.173	1.845	1.845	1.845	1.845	1.845	1.845	1.845
165	2.876	2.204	1.845	1.845	1.845	1.845	1.845	1.845	1.845
170	2.910	2.233	1.845	1.845	1.845	1.845	1.845	1.845	1.845
175	2.944	2.262	1.845	1.845	1.845	1.845	1.845	1.845	1.845
180	2.977	2.290	1.845	1.845	1.845	1.845	1.845	1.845	1.845
185	3.009	2.317	1.845	1.845	1.845	1.845	1.845	1.845	1.845
190	3.039	2.343	1.845	1.845	1.845	1.845	1.845	1.845	1.845
195	3.069	2.369	1.845	1.845	1.845	1.845	1.845	1.845	1.845
200	3.098	2.394	1.845	1.845	1.845	1.845	1.845	1.845	1.845
205	3.126	2.418	1.845	1.845	1.845	1.845	1.845	1.845	1.845
210	3.153	2.441	1.845	1.845	1.845	1.845	1.845	1.845	1.845
215	3.180	2.464	1.845	1.845	1.845	1.845	1.845	1.845	1.845
220	3.206	2.487	1.845	1.845	1.845	1.845	1.845	1.845	1.845
225	3.231	2.508	1.845	1.845	1.845	1.845	1.845	1.845	1.845
230	3.255	2.530	1.845	1.845	1.845	1.845	1.845	1.845	1.845
235	3.279	2.550	1.845	1.845	1.845	1.845	1.845	1.845	1.845
240	3.302	2.570	1.845	1.845	1.845	1.845	1.845	1.845	1.845
245	3.325	2.590	1.845	1.845	1.845	1.845	1.845	1.845	1.845
250	3.347	2.609	1.845	1.845	1.845	1.845	1.845	1.845	1.845
255	3.368	2.628	1.845	1.845	1.845	1.845	1.845	1.845	1.845
260	3.389	2.646	1.858	1.845	1.845	1.845	1.845	1.845	1.845
265	3.410	2.664	1.872	1.845	1.845	1.845	1.845	1.845	1.845
270	3.430	2.682	1.886	1.845	1.845	1.845	1.845	1.845	1.845
275	3.449	2.699	1.900	1.845	1.845	1.845	1.845	1.845	1.845
280	3.468	2.715	1.913	1.845	1.845	1.845	1.845	1.845	1.845
285	3.486	2.731	1.926	1.845	1.845	1.845	1.845	1.845	1.845
290	3.505	2.747	1.939	1.845	1.845	1.845	1.845	1.845	1.845
295	3.522	2.763	1.951	1.845	1.845	1.845	1.845	1.845	1.845
300	3.540	2.778	1.963	1.845	1.845	1.845	1.845	1.845	1.845
305	3.556	2.793	1.975	1.845	1.845	1.845	1.845	1.845	1.845
310	3.573	2.808	1.987	1.845	1.845	1.845	1.845	1.845	1.845
315	3.589	2.822	1.998	1.845	1.845	1.845	1.845	1.845	1.845
320	3.605	2.836	2.010	1.845	1.845	1.845	1.845	1.845	1.845
325	3.620	2.850	2.021	1.845	1.845	1.845	1.845	1.845	1.845
330	3.636	2.863	2.031	1.845	1.845	1.845	1.845	1.845	1.845
335	3.650	2.876	2.042	1.845	1.845	1.845	1.845	1.845	1.845
340	3.665	2.889	2.052	1.845	1.845	1.845	1.845	1.845	1.845
342	3.670	2.894	2.056	1.845	1.845	1.845	1.845	1.845	1.845

Tabelle 3 - Schichtdicken R90 für offene Träger in dreiseitiger Ausführung



R90	Trockenschichtdicke [µm]								
	Kritische Temperatur [°C]								
A _P /V [m ⁻¹]	350	400	450	500	550	600	650	700	750
66	2.987	2.456	1.937	1.845	1.845	1.845	1.845	1.845	1.845
70	3.095	2.552	2.020	1.845	1.845	1.845	1.845	1.845	1.845
75	3.223	2.666	2.120	1.845	1.845	1.845	1.845	1.845	1.845
80	3.345	2.776	2.215	1.845	1.845	1.845	1.845	1.845	1.845
85	3.462	2.882	2.307	1.845	1.845	1.845	1.845	1.845	1.845
90	3.574	2.983	2.396	1.874	1.845	1.845	1.845	1.845	1.845
95	3.681	3.081	2.481	1.948	1.845	1.845	1.845	1.845	1.845
100	3.784	3.174	2.564	2.020	1.845	1.845	1.845	1.845	1.845
105	3.883	3.264	2.643	2.090	1.845	1.845	1.845	1.845	1.845
110	3.977	3.351	2.720	2.157	1.845	1.845	1.845	1.845	1.845
115	4.068	3.435	2.795	2.222	1.845	1.845	1.845	1.845	1.845
120	4.156	3.516	2.867	2.285	1.845	1.845	1.845	1.845	1.845
125	4.240	3.594	2.936	2.347	1.845	1.845	1.845	1.845	1.845
130	4.322	3.669	3.004	2.406	1.845	1.845	1.845	1.845	1.845
135	4.400	3.742	3.069	2.464	1.891	1.845	1.845	1.845	1.845
140	4.475	3.812	3.133	2.520	1.939	1.845	1.845	1.845	1.845
145	4.548	3.880	3.194	2.575	1.986	1.845	1.845	1.845	1.845
150	4.619	3.946	3.254	2.628	2.032	1.845	1.845	1.845	1.845
155	4.687	4.010	3.311	2.680	2.077	1.845	1.845	1.845	1.845
160	4.753	4.072	3.368	2.730	2.120	1.845	1.845	1.845	1.845
165	4.817	4.132	3.422	2.779	2.163	1.845	1.845	1.845	1.845
170	4.878	4.190	3.475	2.827	2.205	1.845	1.845	1.845	1.845
175	4.938	4.247	3.527	2.873	2.245	1.845	1.845	1.845	1.845
180	4.996	4.301	3.577	2.918	2.285	1.845	1.845	1.845	1.845
185	5.052	4.355	3.626	2.962	2.323	1.845	1.845	1.845	1.845
190	5.106	4.406	3.673	3.005	2.361	1.845	1.845	1.845	1.845
195	5.159	4.457	3.719	3.047	2.398	1.845	1.845	1.845	1.845
200	5.211	4.505	3.764	3.088	2.434	1.845	1.845	1.845	1.845
205	5.260	4.553	3.808	3.128	2.470	1.845	1.845	1.845	1.845
210	5.309	4.599	3.851	3.167	2.504	1.873	1.845	1.845	1.845
215	5.356	4.644	3.893	3.205	2.538	1.902	1.845	1.845	1.845
220	5.402	4.688	3.933	3.242	2.571	1.930	1.845	1.845	1.845
225	5.446	4.731	3.973	3.279	2.603	1.958	1.845	1.845	1.845
230	5.489	4.773	4.012	3.314	2.635	1.985	1.845	1.845	1.845
235	5.532	4.813	4.050	3.349	2.666	2.012	1.845	1.845	1.845
240	5.573	4.853	4.087	3.383	2.696	2.038	1.845	1.845	1.845
245	5.613	4.892	4.123	3.416	2.726	2.063	1.845	1.845	1.845
250	5.652	4.929	4.158	3.449	2.755	2.088	1.845	1.845	1.845
255	5.690	4.966	4.192	3.480	2.783	2.113	1.845	1.845	1.845
260	5.727	5.002	4.226	3.512	2.811	2.137	1.845	1.845	1.845
265	5.763	5.037	4.259	3.542	2.839	2.161	1.845	1.845	1.845
270	5.798	5.071	4.291	3.572	2.866	2.185	1.845	1.845	1.845
275	5.833	5.105	4.323	3.601	2.892	2.207	1.845	1.845	1.845
280	5.866	5.138	4.353	3.630	2.918	2.230	1.845	1.845	1.845
285	5.899	5.170	4.384	3.658	2.943	2.252	1.845	1.845	1.845
290	5.931	5.201	4.413	3.685	2.968	2.274	1.845	1.845	1.845
295	5.963	5.231	4.442	3.712	2.992	2.295	1.845	1.845	1.845
300	5.993	5.261	4.470	3.739	3.016	2.316	1.845	1.845	1.845
305	6.023	5.291	4.498	3.765	3.040	2.337	1.845	1.845	1.845
310	6.053	5.319	4.525	3.790	3.063	2.357	1.845	1.845	1.845
315	6.081	5.347	4.552	3.815	3.086	2.377	1.845	1.845	1.845
320	6.109	5.375	4.578	3.840	3.108	2.397	1.845	1.845	1.845
325	6.137	5.402	4.604	3.864	3.130	2.416	1.845	1.845	1.845
330	6.164	5.428	4.629	3.887	3.151	2.435	1.845	1.845	1.845
335	6.190	5.454	4.653	3.910	3.173	2.454	1.845	1.845	1.845
340	6.216	5.480	4.677	3.933	3.193	2.472	1.845	1.845	1.845
342	6.225	5.488	4.686	3.941	3.201	2.478	1.845	1.845	1.845



Tabelle 4 - Schichtdicken R30 für offene Stützen in vierseitiger Ausführung

R30	Trockenschichtdicke [µm]								
	Kritische Temperatur [°C]								
A _P /V [m ⁻²]	350	400	450	500	550	600	650	700	750
71	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
75	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
80	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
85	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
90	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
95	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
100	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
105	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
110	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
115	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
120	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
125	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
130	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
135	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
140	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
145	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
150	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
155	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
160	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
165	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
170	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
175	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
180	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
185	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
190	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
195	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
200	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
205	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
210	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
215	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
220	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
225	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
230	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
235	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
240	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
245	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
250	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
255	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
260	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
265	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
270	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
275	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
280	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
285	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
290	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
295	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
300	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
305	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
310	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
315	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
320	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
325	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
330	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
335	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
340	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
345	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
346	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951

Tabelle 5 - Schichtdicken R60 für offene Stützen in vierseitiger Ausführung



R60	Trockenschichtdicke [µm]								
	Kritische Temperatur [°C]								
A _P V [m ⁻¹]	350	400	450	500	550	600	650	700	750
71	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
75	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
80	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
85	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
90	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
95	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
100	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
105	1.990	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
110	2.088	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
115	2.180	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
120	2.266	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
125	2.348	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
130	2.426	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
135	2.499	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
140	2.569	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
145	2.635	1.951	1.951	1.951	1.951	1.951	1.951	1.951	1.951
150	2.698	1.955	1.951	1.951	1.951	1.951	1.951	1.951	1.951
155	2.757	2.014	1.951	1.951	1.951	1.951	1.951	1.951	1.951
160	2.814	2.070	1.951	1.951	1.951	1.951	1.951	1.951	1.951
165	2.869	2.124	1.951	1.951	1.951	1.951	1.951	1.951	1.951
170	2.921	2.175	1.951	1.951	1.951	1.951	1.951	1.951	1.951
175	2.970	2.224	1.951	1.951	1.951	1.951	1.951	1.951	1.951
180	3.018	2.271	1.951	1.951	1.951	1.951	1.951	1.951	1.951
185	3.063	2.317	1.951	1.951	1.951	1.951	1.951	1.951	1.951
190	3.107	2.360	1.951	1.951	1.951	1.951	1.951	1.951	1.951
195	3.149	2.402	1.951	1.951	1.951	1.951	1.951	1.951	1.951
200	3.189	2.443	1.951	1.951	1.951	1.951	1.951	1.951	1.951
205	3.228	2.482	1.951	1.951	1.951	1.951	1.951	1.951	1.951
210	3.265	2.519	1.951	1.951	1.951	1.951	1.951	1.951	1.951
215	3.301	2.555	1.951	1.951	1.951	1.951	1.951	1.951	1.951
220	3.335	2.590	1.951	1.951	1.951	1.951	1.951	1.951	1.951
225	3.369	2.624	1.951	1.951	1.951	1.951	1.951	1.951	1.951
230	3.401	2.657	1.958	1.951	1.951	1.951	1.951	1.951	1.951
235	3.432	2.688	1.989	1.951	1.951	1.951	1.951	1.951	1.951
240	3.462	2.719	2.019	1.951	1.951	1.951	1.951	1.951	1.951
245	3.491	2.748	2.049	1.951	1.951	1.951	1.951	1.951	1.951
250	3.519	2.777	2.077	1.951	1.951	1.951	1.951	1.951	1.951
255	3.546	2.804	2.104	1.951	1.951	1.951	1.951	1.951	1.951
260	3.572	2.831	2.131	1.951	1.951	1.951	1.951	1.951	1.951
265	3.597	2.857	2.157	1.951	1.951	1.951	1.951	1.951	1.951
270	3.622	2.883	2.182	1.951	1.951	1.951	1.951	1.951	1.951
275	3.646	2.907	2.206	1.951	1.951	1.951	1.951	1.951	1.951
280	3.669	2.931	2.230	1.951	1.951	1.951	1.951	1.951	1.951
285	3.691	2.954	2.253	1.951	1.951	1.951	1.951	1.951	1.951
290	3.713	2.976	2.276	1.951	1.951	1.951	1.951	1.951	1.951
295	3.734	2.998	2.298	1.951	1.951	1.951	1.951	1.951	1.951
300	3.755	3.020	2.319	1.951	1.951	1.951	1.951	1.951	1.951
305	3.775	3.040	2.340	1.951	1.951	1.951	1.951	1.951	1.951
310	3.794	3.060	2.360	1.951	1.951	1.951	1.951	1.951	1.951
315	3.813	3.080	2.380	1.951	1.951	1.951	1.951	1.951	1.951
320	3.832	3.099	2.399	1.951	1.951	1.951	1.951	1.951	1.951
325	3.850	3.118	2.418	1.951	1.951	1.951	1.951	1.951	1.951
330	3.867	3.136	2.436	1.951	1.951	1.951	1.951	1.951	1.951
335	3.884	3.154	2.454	1.951	1.951	1.951	1.951	1.951	1.951
340	3.901	3.171	2.471	1.951	1.951	1.951	1.951	1.951	1.951
345	3.917	3.188	2.488	1.951	1.951	1.951	1.951	1.951	1.951
346	3.921	3.192	2.493	1.951	1.951	1.951	1.951	1.951	1.951



Tabelle 6 - Schichtdicken R90 für offene Stützen in vierseitiger Ausführung

R90	Trockenschichtdicke [µm]								
	Kritische Temperatur [°C]								
A _P /V [m ⁻¹]	350	400	450	500	550	600	650	700	750
71	2.757	2.003	1.951	1.951	1.951	1.951	1.951	1.951	1.951
75	2.938	2.174	1.951	1.951	1.951	1.951	1.951	1.951	1.951
80	3.131	2.358	1.951	1.951	1.951	1.951	1.951	1.951	1.951
85	3.310	2.529	1.951	1.951	1.951	1.951	1.951	1.951	1.951
90	3.477	2.690	2.016	1.951	1.951	1.951	1.951	1.951	1.951
95	3.633	2.841	2.160	1.951	1.951	1.951	1.951	1.951	1.951
100	3.778	2.983	2.295	1.951	1.951	1.951	1.951	1.951	1.951
105	3.914	3.116	2.424	1.951	1.951	1.951	1.951	1.951	1.951
110	4.042	3.242	2.545	1.951	1.951	1.951	1.951	1.951	1.951
115	4.162	3.361	2.661	1.998	1.951	1.951	1.951	1.951	1.951
120	4.275	3.474	2.771	2.103	1.951	1.951	1.951	1.951	1.951
125	4.382	3.581	2.875	2.202	1.951	1.951	1.951	1.951	1.951
130	4.484	3.682	2.975	2.297	1.951	1.951	1.951	1.951	1.951
135	4.579	3.779	3.070	2.389	1.951	1.951	1.951	1.951	1.951
140	4.670	3.870	3.160	2.476	1.951	1.951	1.951	1.951	1.951
145	4.756	3.958	3.247	2.560	1.951	1.951	1.951	1.951	1.951
150	4.838	4.041	3.330	2.640	1.996	1.951	1.951	1.951	1.951
155	4.916	4.121	3.410	2.718	2.070	1.951	1.951	1.951	1.951
160	4.991	4.197	3.486	2.792	2.141	1.951	1.951	1.951	1.951
165	5.062	4.270	3.559	2.863	2.209	1.951	1.951	1.951	1.951
170	5.130	4.340	3.629	2.932	2.275	1.951	1.951	1.951	1.951
175	5.194	4.407	3.697	2.998	2.339	1.951	1.951	1.951	1.951
180	5.257	4.471	3.762	3.062	2.400	1.951	1.951	1.951	1.951
185	5.316	4.533	3.824	3.124	2.460	1.951	1.951	1.951	1.951
190	5.373	4.592	3.884	3.183	2.517	1.951	1.951	1.951	1.951
195	5.428	4.649	3.942	3.241	2.573	1.951	1.951	1.951	1.951
200	5.480	4.704	3.998	3.296	2.627	1.983	1.951	1.951	1.951
205	5.531	4.757	4.052	3.350	2.679	2.033	1.951	1.951	1.951
210	5.579	4.808	4.104	3.402	2.730	2.081	1.951	1.951	1.951
215	5.626	4.857	4.155	3.452	2.779	2.128	1.951	1.951	1.951
220	5.671	4.904	4.204	3.501	2.827	2.174	1.951	1.951	1.951
225	5.715	4.950	4.251	3.548	2.873	2.218	1.951	1.951	1.951
230	5.757	4.994	4.296	3.594	2.918	2.261	1.951	1.951	1.951
235	5.797	5.037	4.341	3.639	2.962	2.303	1.951	1.951	1.951
240	5.836	5.078	4.383	3.682	3.004	2.344	1.951	1.951	1.951
245	5.874	5.118	4.425	3.724	3.046	2.384	1.951	1.951	1.951
250	5.911	5.157	4.465	3.764	3.086	2.423	1.951	1.951	1.951
255	5.946	5.195	4.504	3.804	3.125	2.461	1.951	1.951	1.951
260	5.980	5.231	4.542	3.842	3.163	2.498	1.951	1.951	1.951
265	6.013	5.267	4.579	3.880	3.200	2.534	1.951	1.951	1.951
270	6.045	5.301	4.615	3.916	3.236	2.569	1.951	1.951	1.951
275	6.077	5.334	4.650	3.951	3.271	2.603	1.951	1.951	1.951
280	6.107	5.367	4.684	3.986	3.306	2.636	1.951	1.951	1.951
285	6.136	5.398	4.716	4.019	3.339	2.669	1.955	1.951	1.951
290	6.165	5.429	4.748	4.052	3.372	2.701	1.985	1.951	1.951
295	6.192	5.458	4.780	4.084	3.403	2.732	2.014	1.951	1.951
300	6.219	5.487	4.810	4.115	3.435	2.762	2.043	1.951	1.951
305	6.245	5.515	4.840	4.145	3.465	2.792	2.071	1.951	1.951
310	6.271	5.543	4.868	4.175	3.494	2.821	2.098	1.951	1.951
315	6.295	5.570	4.897	4.203	3.523	2.849	2.125	1.951	1.951
320	6.319	5.595	4.924	4.232	3.552	2.877	2.152	1.951	1.951
325	6.343	5.621	4.951	4.259	3.579	2.904	2.177	1.951	1.951
330	6.366	5.645	4.977	4.286	3.606	2.931	2.203	1.951	1.951
335	6.388	5.670	5.002	4.312	3.633	2.957	2.227	1.951	1.951
340	6.410	5.693	5.027	4.338	3.658	2.982	2.252	1.951	1.951
345	6.431	5.716	5.051	4.363	3.684	3.007	2.275	1.951	1.951
346	6.436	5.722	5.058	4.370	3.691	3.014	2.282	1.951	1.951

Tabelle 7 - Schichtdicken R30 für geschlossene Stützen in vierseitiger Ausführung



R30	Trockenschichtdicke [µm]								
	Kritische Temperatur [°C]								
A _P /V [m ⁻¹]	350	400	450	500	550	600	650	700	750
46	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
50	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
55	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
60	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
65	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
70	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
75	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
80	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
85	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
90	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
95	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
100	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
105	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
110	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
115	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
120	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
125	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
130	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
135	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
140	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
145	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
150	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
155	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
160	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
165	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
170	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
175	2.005	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
180	2.054	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
185	2.100	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
190	2.145	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
195	2.189	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
200	2.230	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
205	2.271	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
210	2.309	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
215	2.347	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
220	2.383	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
225	2.418	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
230	2.452	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
235	2.485	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
240	2.516	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
245	2.547	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
250	2.577	1.993	1.989	1.989	1.989	1.989	1.989	1.989	1.989
255	2.605	2.022	1.989	1.989	1.989	1.989	1.989	1.989	1.989
260	2.633	2.050	1.989	1.989	1.989	1.989	1.989	1.989	1.989
265	2.660	2.078	1.989	1.989	1.989	1.989	1.989	1.989	1.989
270	2.687	2.105	1.989	1.989	1.989	1.989	1.989	1.989	1.989
275	2.712	2.131	1.989	1.989	1.989	1.989	1.989	1.989	1.989
280	2.737	2.156	1.989	1.989	1.989	1.989	1.989	1.989	1.989
285	2.761	2.181	1.989	1.989	1.989	1.989	1.989	1.989	1.989
290	2.785	2.205	1.989	1.989	1.989	1.989	1.989	1.989	1.989
295	2.808	2.228	1.989	1.989	1.989	1.989	1.989	1.989	1.989
300	2.830	2.251	1.989	1.989	1.989	1.989	1.989	1.989	1.989
305	2.852	2.273	1.989	1.989	1.989	1.989	1.989	1.989	1.989
310	2.873	2.295	1.989	1.989	1.989	1.989	1.989	1.989	1.989
315	2.983	2.316	1.989	1.989	1.989	1.989	1.989	1.989	1.989
320	2.913	2.337	1.989	1.989	1.989	1.989	1.989	1.989	1.989
325	2.933	2.357	1.989	1.989	1.989	1.989	1.989	1.989	1.989
330	2.952	2.377	1.989	1.989	1.989	1.989	1.989	1.989	1.989
335	2.971	2.396	1.989	1.989	1.989	1.989	1.989	1.989	1.989
338	2.981	2.407	1.989	1.989	1.989	1.989	1.989	1.989	1.989



Tabelle 8 - Schichtdicken R60 für geschlossene Stützen in vierseitiger Ausführung

R60	Trockenschichtdicke [µm]								
	Kritische Temperatur [°C]								
A _P /V [m ⁻¹]	350	400	450	500	550	600	650	700	750
46	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
50	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
55	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
60	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
65	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
70	2.128	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
75	2.340	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
80	2.538	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
85	2.724	2.119	1.989	1.989	1.989	1.989	1.989	1.989	1.989
90	2.898	2.282	1.989	1.989	1.989	1.989	1.989	1.989	1.989
95	3.062	2.438	1.989	1.989	1.989	1.989	1.989	1.989	1.989
100	3.217	2.585	2.050	1.989	1.989	1.989	1.989	1.989	1.989
105	3.363	2.726	2.182	1.989	1.989	1.989	1.989	1.989	1.989
110	3.501	2.859	2.309	1.989	1.989	1.989	1.989	1.989	1.989
115	3.631	2.987	2.430	1.989	1.989	1.989	1.989	1.989	1.989
120	3.755	3.109	2.546	1.989	1.989	1.989	1.989	1.989	1.989
125	3.873	3.225	2.658	2.065	1.989	1.989	1.989	1.989	1.989
130	3.984	3.336	2.766	2.165	1.989	1.989	1.989	1.989	1.989
135	4.091	3.443	2.869	2.262	1.989	1.989	1.989	1.989	1.989
140	4.192	3.545	2.969	2.355	1.989	1.989	1.989	1.989	1.989
145	4.289	3.642	3.065	2.445	1.989	1.989	1.989	1.989	1.989
150	4.381	3.736	3.158	2.533	1.989	1.989	1.989	1.989	1.989
155	4.470	3.827	3.247	2.617	2.051	1.989	1.989	1.989	1.989
160	4.554	3.914	3.333	2.699	2.128	1.989	1.989	1.989	1.989
165	4.635	3.997	3.417	2.779	2.202	1.989	1.989	1.989	1.989
170	4.713	4.078	3.497	2.856	2.274	1.989	1.989	1.989	1.989
175	4.788	4.155	3.575	2.931	2.344	1.989	1.989	1.989	1.989
180	4.859	4.230	3.651	3.003	2.413	1.989	1.989	1.989	1.989
185	4.928	4.302	3.724	3.074	2.479	1.989	1.989	1.989	1.989
190	4.994	4.372	3.794	3.143	2.544	2.032	1.989	1.989	1.989
195	5.058	4.439	3.863	3.209	2.608	2.091	1.989	1.989	1.989
200	5.120	4.504	3.929	3.274	2.669	2.149	1.989	1.989	1.989
205	5.179	4.567	3.994	3.337	2.730	2.206	1.989	1.989	1.989
210	5.236	4.628	4.056	3.399	2.788	2.261	1.989	1.989	1.989
215	5.291	4.687	4.117	3.459	2.846	2.316	1.989	1.989	1.989
220	5.345	4.744	4.176	3.517	2.902	2.369	1.989	1.989	1.989
225	5.396	4.799	4.234	3.573	2.956	2.421	1.989	1.989	1.989
230	5.446	4.853	4.289	3.629	3.010	2.472	1.989	1.989	1.989
235	5.494	4.905	4.344	3.683	3.062	2.522	1.989	1.989	1.989
240	5.541	4.955	4.396	3.735	3.113	2.570	1.989	1.989	1.989
245	5.586	5.004	4.448	3.787	3.163	2.618	1.989	1.989	1.989
250	5.630	5.052	4.498	3.837	3.212	2.665	1.989	1.989	1.989
255	5.672	5.098	4.547	3.885	3.259	2.711	2.019	1.989	1.989
260	5.713	5.143	4.594	3.933	3.306	2.756	2.060	1.989	1.989
265	5.753	5.187	4.640	3.980	3.352	2.800	2.099	1.989	1.989
270	5.792	5.230	4.685	4.025	3.396	2.843	2.139	1.989	1.989
275	5.830	5.271	4.729	4.070	3.440	2.886	2.177	1.989	1.989
280	5.866	5.312	4.772	4.113	3.483	2.927	2.215	1.989	1.989
285	5.902	5.351	4.814	4.156	3.525	2.968	2.252	1.989	1.989
290	5.936	5.389	4.855	4.197	3.566	3.008	2.289	1.989	1.989
295	5.970	5.427	4.895	4.238	3.606	3.048	2.325	1.989	1.989
300	6.003	5.463	4.934	4.278	3.646	3.086	2.361	1.989	1.989
305	6.035	5.499	4.972	4.317	3.685	3.124	2.395	1.989	1.989
310	6.066	5.533	5.009	4.355	3.723	3.161	2.430	1.989	1.989
315	6.096	5.567	5.046	4.392	3.760	3.198	2.463	1.989	1.989
320	6.126	5.600	5.081	4.428	3.796	3.234	2.496	1.989	1.989
325	6.154	5.632	5.116	4.464	3.832	3.269	2.529	1.989	1.989
330	6.182	5.664	5.150	4.499	3.867	3.304	2.561	1.989	1.989
335	6.210	5.695	5.184	4.534	3.902	3.338	2.593	1.989	1.989
338	6.225	5.712	5.202	4.553	3.921	3.357	2.610	1.989	1.989

Tabelle 9 - Schichtdicken R90 für geschlossene Stützen in vierseitiger Ausführung



R90	Trockenschichtdicke [µm]								
	Kritische Temperatur [°C]								
A _P /V [m ⁻¹]	350	400	450	500	550	600	650	700	750
46	2.369	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
50	2.709	2.094	1.989	1.989	1.989	1.989	1.989	1.989	1.989
55	3.086	2.434	1.989	1.989	1.989	1.989	1.989	1.989	1.989
60	3.434	2.753	2.215	1.989	1.989	1.989	1.989	1.989	1.989
65	3.757	3.052	2.489	1.989	1.989	1.989	1.989	1.989	1.989
70	4.057	3.333	2.750	2.172	1.989	1.989	1.989	1.989	1.989
75	4.337	3.599	2.997	2.397	1.989	1.989	1.989	1.989	1.989
80	4.599	3.849	3.233	2.612	2.092	1.989	1.989	1.989	1.989
85	4.844	4.087	3.458	2.819	2.280	1.989	1.989	1.989	1.989
90	5.075	4.311	3.673	3.017	2.462	2.021	1.989	1.989	1.989
95	5.291	4.524	3.878	3.208	2.637	2.183	1.989	1.989	1.989
100	5.495	4.727	4.075	3.392	2.807	2.340	1.989	1.989	1.989
105	5.688	4.919	4.263	3.569	2.971	2.492	1.989	1.989	1.989
110	5.870	5.103	4.443	3.739	3.130	2.641	2.059	1.989	1.989
115	6.043	5.278	4.615	3.903	3.284	2.785	2.188	1.989	1.989
120	6.206	5.445	4.781	4.062	3.434	2.925	2.314	1.989	1.989
125	6.362	5.604	4.941	4.215	3.578	3.061	2.437	1.989	1.989
130	6.509	5.757	5.094	4.362	3.719	3.194	2.557	2.002	1.989
135		5.903	5.241	4.505	3.855	3.323	2.674	2.108	1.989
140		6.043	5.383	4.643	3.987	3.449	2.789	2.211	1.989
145		6.177	5.520	4.777	4.115	3.572	2.901	2.312	1.989
150		6.306	5.652	4.906	4.240	3.692	3.010	2.411	1.989
155		6.430	5.779	5.031	4.361	3.808	3.117	2.508	1.989
160			5.902	5.153	4.479	3.922	3.222	2.603	1.989
165			6.021	5.270	4.593	4.033	3.324	2.696	1.989
170			6.135	5.384	4.705	4.141	3.424	2.788	2.029
175			6.246	5.495	4.813	4.247	3.523	2.877	2.107
180			6.354	5.603	4.919	4.350	3.618	2.966	2.183
185			6.458	5.707	5.022	4.451	3.712	3.052	2.257
190				5.809	5.122	4.550	3.805	3.137	2.331
195				6.004	5.220	4.646	3.895	3.220	2.403
200				6.097	5.316	4.740	3.983	3.302	2.474
205				6.188	5.409	4.832	4.070	3.383	2.544
210				6.276	5.499	4.922	4.155	3.461	2.613
215				6.362	5.588	5.010	4.238	3.539	2.681
220				6.446	5.675	5.096	4.319	3.615	2.748
225				6.528	5.759	5.180	4.399	3.690	2.814
230					5.841	5.263	4.478	3.764	2.879
235					5.922	5.344	4.555	3.836	2.942
240					6.001	5.423	4.631	3.907	3.005
245					6.078	5.501	4.705	3.977	3.067
250					6.153	5.577	4.778	4.046	3.128
255					6.227	5.651	4.849	4.114	3.188
260					6.299	5.724	4.919	4.180	3.247
265					6.370	5.796	4.988	4.246	3.306
270					6.439	5.866	5.056	4.310	3.363
275					6.506	5.934	5.123	4.374	3.420
280						6.002	5.188	4.436	3.476
285						6.068	5.252	4.498	3.531
290						6.133	5.315	4.558	3.585
295						6.197	5.378	4.618	3.639
300						6.260	5.439	4.676	3.692
305						6.321	5.499	4.734	3.744
310						6.382	5.558	4.791	3.795
315						6.441	5.616	4.847	3.846
320						6.499	5.673	4.902	3.896
325							5.729	4.957	3.945
330							5.785	5.010	3.994
335							5.839	5.063	4.042
338							5.869	5.093	4.069



Tabelle 10 - Schichtdicken R120 für geschlossene Stützen in vierseitiger Ausführung

R120	Trockenschichtdicke [µm]								
	Kritische Temperatur [°C]								
A _p /V [m ⁻¹]	350	400	450	500	550	600	650	700	750
46	3.888	3.137	2.565	2.020	1.989	1.989	1.989	1.989	1.989
50	4.311	3.522	2.914	2.330	1.989	1.989	1.989	1.989	1.989
55	4.778	3.954	3.310	2.685	2.179	1.989	1.989	1.989	1.989
60	5.211	4.359	3.685	3.025	2.486	2.073	1.989	1.989	1.989
65	5.613	4.739	4.041	3.349	2.780	2.343	1.989	1.989	1.989
70	5.986	5.097	4.379	3.659	3.064	2.603	2.070	1.989	1.989
75	6.334	5.434	4.701	3.957	3.337	2.856	2.296	1.989	1.989
80		5.753	5.007	4.242	3.601	3.101	2.515	2.022	1.989
85		6.054	5.299	4.516	3.856	3.339	2.728	2.213	1.989
90		6.340	5.578	4.779	4.102	3.569	2.936	2.400	1.989
95			5.844	5.031	4.339	3.793	3.139	2.583	1.989
100			6.099	5.274	4.569	4.010	3.336	2.762	2.100
105			6.343	5.509	4.791	4.221	3.528	2.937	2.251
110				5.734	5.006	4.427	3.717	3.108	2.400
115				5.952	5.214	4.626	3.900	3.276	2.546
120				6.161	5.416	4.820	4.079	3.440	2.689
125				6.364	5.612	5.009	4.253	3.600	2.830
130					5.802	5.192	4.424	3.757	2.968
135					5.986	5.371	4.590	3.911	3.104
140					6.164	5.545	4.912	4.062	3.237
145					6.338	5.715	5.067	4.210	3.368
150					6.507	5.881	5.219	4.355	3.497
155						6.042	5.368	4.497	3.623
160						6.199	5.513	4.637	3.747
165						6.353	5.656	4.773	3.870
170						6.503	5.795	4.907	3.990
175							5.931	5.039	4.108
180							6.065	5.168	4.224
185							6.196	5.295	4.338
190							6.324	5.419	4.451
195							6.449	5.541	4.561
200								5.661	4.670
205								5.779	4.777
210								5.894	4.882
215								6.008	4.986
220								6.120	5.088
225								6.229	5.189
230								6.337	5.288
235								6.443	5.385
240									5.481
245									5.576
250									5.669
255									5.761
260									5.851
265									5.940
270									6.028
275									6.115
280									6.200
285									6.284
290									6.367
295									6.449
300									6.530
305									