

# Silicone resin facade paint based on different binders with TEGO® Phobe 1650

Ingredients	P. b. w.
Water	28.75
Walocel XM 6000 PV <sup>1</sup>	0.30
TEGO® Foamex 855 <sup>2</sup>	0.20
Acticide MBS <sup>3</sup>	0.15
Calgon N new <sup>4</sup>	0.05
TEGO® Dispers 715W <sup>2</sup>	0.30
AMP 90 <sup>6</sup>	0.10
Kronos 2310 <sup>7</sup>	12.50
Socal P 2 <sup>8</sup>	10.00
Omyacarb 5 GU <sup>9</sup>	15.00
Omyacarb 2 GU <sup>9</sup>	10.00
Glimmer Mica TG <sup>10</sup>	3.00
Sispernat 820 A <sup>11</sup>	2.00
TEGO® Phobe 1650 <sup>2</sup>	4.00
Dowanol DPnB	1.00
Binder*	12.00
Rheolate 278 <sup>12</sup>	0.65
	100

<sup>1</sup>Wolff Cellulosics, Walsrode

<sup>2</sup>Evonik Tego Chemie GmbH, Essen

<sup>3</sup>Thor Chemie, Speyer

<sup>4</sup>BK Giuliani, Ladenburg

<sup>5</sup>BASF, Ludwigshafen

<sup>6</sup>Angus Chemie GmbH, Ibbenbüren

<sup>7</sup>Kronos Titan, Leverkusen

<sup>8</sup>Solvay, Rheinberg

<sup>9</sup>Omya, Köln

<sup>10</sup>Quarzwerke, Frechen

<sup>11</sup>Evonik Degussa GmbH, Frankfurt

<sup>12</sup>Elementis, Leverkusen

<sup>13</sup>Ercros, Recklinghausen

## tested binders:

Binder	water absorption		scrub resistance	mud cracking	water vapour diffusion	
	$\frac{\text{kg}}{\text{m}^2 \cdot \sqrt{24}}$	class	class	[ $\mu\text{m}$ ]	m	class
Acronal 290D <sup>5</sup>	< 0.1	3	2	> 1000	< 0.14	1
Acronal S790 <sup>5</sup>	< 0.1	3	2	> 1000	< 0.14	1
Acronal S559 <sup>5</sup>	< 0.1	3	3	> 1000	< 0.14	1
Ercros KDA 790 <sup>13</sup>	< 0.1	3	2	> 1000	< 0.14	1
Ercros KDA 618eco <sup>13</sup>	< 0.1	3	3	> 1000	< 0.14	1