

# AnTec C-50

## Ultrafine Aluminum Silicate

### Product Description

AnTec C-50 is a specially engineered aluminum silicate for flat exterior wall paints. It has been dehydroxylated by precisely-controlled heat treatment for removal of crystalline-bound hydroxyl groups to maximally keep reactivity. It is a white powder with platy structure and evenly distributed particle size.

### Application information

Due to its unique crystal structure, AnTec C-50 has very low sheen and gloss which makes it ideal for exterior wall paints that require excellent scrub resistance and high opacity. It can work as extender to TiO<sub>2</sub> and provides excellent opacity and color extension to maintain coating opacity and tint strength. It can achieve ideal flat effect without the use of flattening agents.

Typical Properties	
Physical Form	Highly Pulverized Powder
GE Brightness (%)	90 Min.
Screen Residue, 325 Mesh (%)	<0.005
Free Moisture @ 105 deg C (%) as produced	<0.5
pH (28% solids)	6.0-7.0
Specific Gravity (g/cm <sup>3</sup> )	2.53
Median Size, Sedigraph (μm)	1.9
Oil Absorption (g/100g)	40-50
Hegman	4.0 Min

Chemical Components (%)							
SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	K <sub>2</sub> O	Na <sub>2</sub> O	CaO	MgO
52.0±1	45.0±1	≤0.50	≤0.80	≤0.10	≤0.20	≤0.50	≤0.20

**Anpeak Specialty Minerals Co., Ltd. is ISO 9001 and ISO 14001 certified.**

The above typical properties are for general information only and should not be used for specification purposes. Performance characteristics may vary depending on specific application. All products should be tested in customer's formulation prior to use.

## **Anpeak Specialty Minerals Co., Ltd.**

Beiping Circular Economy Park, PingLu District, Shuozhou City, Shanxi Province, PR China 036800

Tel +86 349 6076206 Fax: +86 349 6076204 Email: victor.he@anpeak.com.cn helen.mao@anpeak.com.cn

http://www.anpeak.com.cn