

Press Release

BYK®-SILCLEAN 3720: Permanent protection and outstanding cleaning action for aqueous coating systems

Wesel, September 20, 2007: After the successful launch of BYK®-SILCLEAN 3700 for solvent-borne systems, BYK has developed with BYK®-SILCLEAN 3720 a new, reactive additive that prevents the accumulation of dirt on the coating surfaces of aqueous two-pack systems, baking systems and UV coatings.

The effect of the additive is based on its great interfacial activity. It orientates itself directly to the coating surface and gives the coating both hydrophobic and oleophobic properties. At the same time, it reduces the polar part of the coating system's surface tension, thereby improving the cleanability of the coating. Its OH functional groups allow BYK®-SILCLEAN 3720 to be directly integrated into the polymer matrix and fixed there. The result is a permanent cleaning effect.

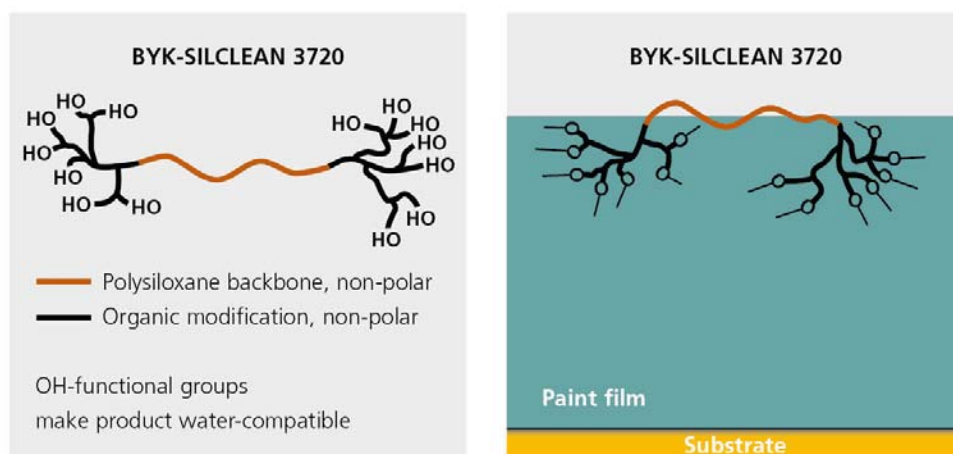


Figure 1 Structure and working mechanism of BYK®-SILCLEAN 3720

BYK®-SILCLEAN 3720 demonstrates outstanding chemical resistance to, for example, vinegar, coffee, tea, red wine or mustard. Surfaces stained with oil, coffee, felt tip (marker) or other impurities are easily cleaned through the use of this additive.

The anti-graffiti and tape-release properties are equally remarkable. Hence surfaces sprayed with graffiti, for instance, can be made completely clean again with very little effort.

BYK®-SILCLEAN 3720 also improves substrate wetting, leveling and slip. The system should therefore be tested first without any further addition of surface additives. Other coating properties are not affected by the use of BYK®-SILCLEAN 3720. However, because of the working mechanism, recoating is only possible after careful pretreatment of the substrate.

Date
September 20, 2007

Page
1/2

Contact
Market Communication

Frank Dederichs
Head of Market Communication
Tel +49 281 670 217
Fax +49 281 670-660

Julia Kleist
Market Communication
Tel +49 281 670 741
Fax +49 281 670-660

BYK GmbH
Abelstrasse 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735
info@byk.com
www.byk.com

Press Release

About BYK:

BYK is one of the world's leading suppliers of additives used in the coatings, inks, and plastics industry.

Approximately 85 % of our sales are generated by foreign countries. Our major export markets are Europe, the United States and the Far East.

Additives are used by processing industries in the production of coatings, inks, and plastics. In very small quantities, BYK additives simplify manufacturing processes, and significantly improve the quality of finished goods, such as motor vehicles and furniture. BYK is a member of ALTANA AG, Wesel. ALTANA develops and produces high quality, innovative products in the sector of specialty chemicals.

BYK has been producing additives since 1962 in Wesel. Today it employs around 1052 people worldwide, 25 % of whom work in research and development departments or technical laboratories

This press release is also available on the Internet at: www.byk.com/press_releases.