

Polymer Dispersion Working Group

About

The IBRG Polymer Dispersion Group is the newest of the organisation's Working Groups, founded at the autumn 2000 meeting in Bad Ragaz, Switzerland and coming out of the IBRG Paints Group's Polymer Emulsion Project, begun in 1993.

[What Are Polymer Dispersions?](#)
[Collaborative Testing Programme](#)
[Further Information](#)

About the Polymer Dispersion Working Group

Polymer Dispersions

Polymer dispersions, also referred to as polymer emulsions, latices, latex emulsions, latex dispersions or binders are fine dispersions or suspensions of synthetic polymers in aqueous media.

Polymer emulsions are used in a large number of industries for the production of a rapidly increasing variety of routine and specialised products, for example:

- Adhesives
- Emulsion paints
- Textured coatings
- Industrial finishes
- Printing inks
- Building auxiliaries and cement additives
- Non woven fabrics
- Carpet backing compounds
- Textile finishing, printing and flocking
- Glass fibre sizes and binders
- Paper and board coating
- Wallpapers
- Soil and mineral stabilisation

[Top](#)

Collaborative Testing Programme

The IBRG Polymer Dispersion Group encompasses a wide range of experts representing the polymer dispersion industry, biocide manufacturers and suppliers, private and state research institutes and testing laboratories.

The collaborative testing programme of the Group has concentrated on the need to develop a standard method of test that could be used for determining the efficacy of biocides used in polymer dispersions as part of their registration under the EU Biocidal Products Directive (BPD). A secondary objective is to provide the polymer dispersion industry with a method that will allow the predictive evaluation of biocides used in the products they manufacture.

Five main collaborative experiments have been carried out dealing with establishment of an appropriate standard inoculum and validation of a draft test protocol, *A Method for the Evaluation of Biocidal Compounds in Aqueous-Based Polymer Dispersions, Draft 5.2*, June 2001 (document IBRG/PD01/003).

The work leading to the development of the standard inoculum was published as follows:

Gillatt, J.W.: Evaluating Biocidal Efficacy in Polymer Emulsions, Part 1, Establishment of a Recommended Microbial Inoculum, *Paint and Ink*, Jan/Feb 1995, p. 18 et seq.

Contacts:

Chair

John Gillatt
Thor Specialities (UK) Limited
Earl Road
Cheadle Hulme
SK8 6QP
UK

Tel. +44 (0) 161 486 2028
Fax +44 (0) 161 485 4155
Mail john.gillatt@thor.com

Secretary

Dr. Karin Schmid
Wacker-Chemie GmbH
PO Box 1260
Burghausen
D-84480
Germany

Tel. +49 (0) 8677 836108
Fax +49 (0) 8677 836188
Mail karin.schmid@wacker.com