

## Criteria for allergy-friendly Wall Paint

### 1. Basic Situation

Allergies may have several different triggers. Ingredients of wall paints, for example, may cause allergic symptoms, promote allergies or increase problems for people suffering from respiratory allergies due to emitted vapors.

ECARF certified wall paints do not contain critical ingredients above a certain threshold value and showed that they were tolerated by people suffering from respiratory allergies in an application study.

Prerequisite for the ECARF Seal of Quality is the compliance of the wall paint with the following criteria.

### 2. Criteria

#### ■ **Ingredients and formulation**

The special utilities of the formulation derive from the ingredients with known theoretical or empirical characteristics. This is proven by one of the following possibilities:

- Allergenic materials are generally reduced ("Concept of minimum recipe").
- Ingredients that may be problematic for allergy sufferers are not used.
- The recipe has a reduced hazard potential (e.g. „free from preservatives“)
- The concentrations of ingredients are below certain critical threshold values, known from experiments or clinical examinations

#### ■ **Application study**

- Through user tests, it is shown that the product is acceptable for persons with highly sensitive respiratory tracks. This is tested according to normal product use by at least 10 patients with bronchial asthma. The period of use for the test varies according to product type. If over the course of 4 hours no deterioration of the physical/bodily condition is noted in any of the subjects, the product is generally considered acceptable for persons with sensitive respiratory tracks.