



KEIMFARBEN GMBH Keimstraße 16/ 86420 Diedorf

To whom it may concern

Your ref. Our ref. This letter is written by Telephone Date

CONFIRMATION

VOC/TVOC value of KEIM Optil
VOC/ TVOC value of KEIM Innostar
VOC/TVOC value of KEIM Ecosil-ME
VOC/TVOC value of KEIM Innotop

We have accomplished all the tests and calculations necessary for a classification of our products according to the Directive 2004/42/EG on the limitation of emissions of volatile organic compounds (Decopaint Directive).

We herewith confirm that the calculations based on the ingredients of the products as well as the analytical verifications of the products according to DIN EN ISO 11890-2 (gas chromatography) result in the following classification:

| | |
|-----------------------|-------------------------------|
| KEIM Optil | VOC 0 - 1 g/l, Cat A/a |
| KEIM Innostar | VOC 0 - 1 g/l, Cat A/a |
| KEIM Ecosil-ME | VOC 0 - 1 g/l, Cat A/a |
| KEIM Innotop | VOC 0 - 1 g/l, Cat A/a |

The legal limit for this product category (CAT A/a = matte coating materials for interior use) is 30 g/l. Therefore, the above-mentioned KEIM products with a VOC < 1 g/l are clearly below the legally required limit value.

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TVOC:

The determination of emissions of volatile organic compounds from building products has been performed according to the emission test chamber method to DIN EN ISO 16000-9. The limit value required after 28 days is $\leq 300 \mu\text{g}/\text{m}^3$. Already after 7 days in the test chamber, the KEIM interior paints have a T-VOC-Value of $< 150 \mu\text{g}/\text{m}^3$ and thus comply with the TVOC criterion much earlier.

Trusting to have been of assistance we remain with

Best regards

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