



MICRONIL



ACHITEXMINERVA

# MICRONIL

## RANGE

Micronil colours are water-based dispersions of selected organic and inorganic pigments, finely dispersed and perfectly homogeneous.

Their main feature consists of an excellent compatibility with acrylic emulsions and other water-based vehicles commonly used for the production of water-based paints.

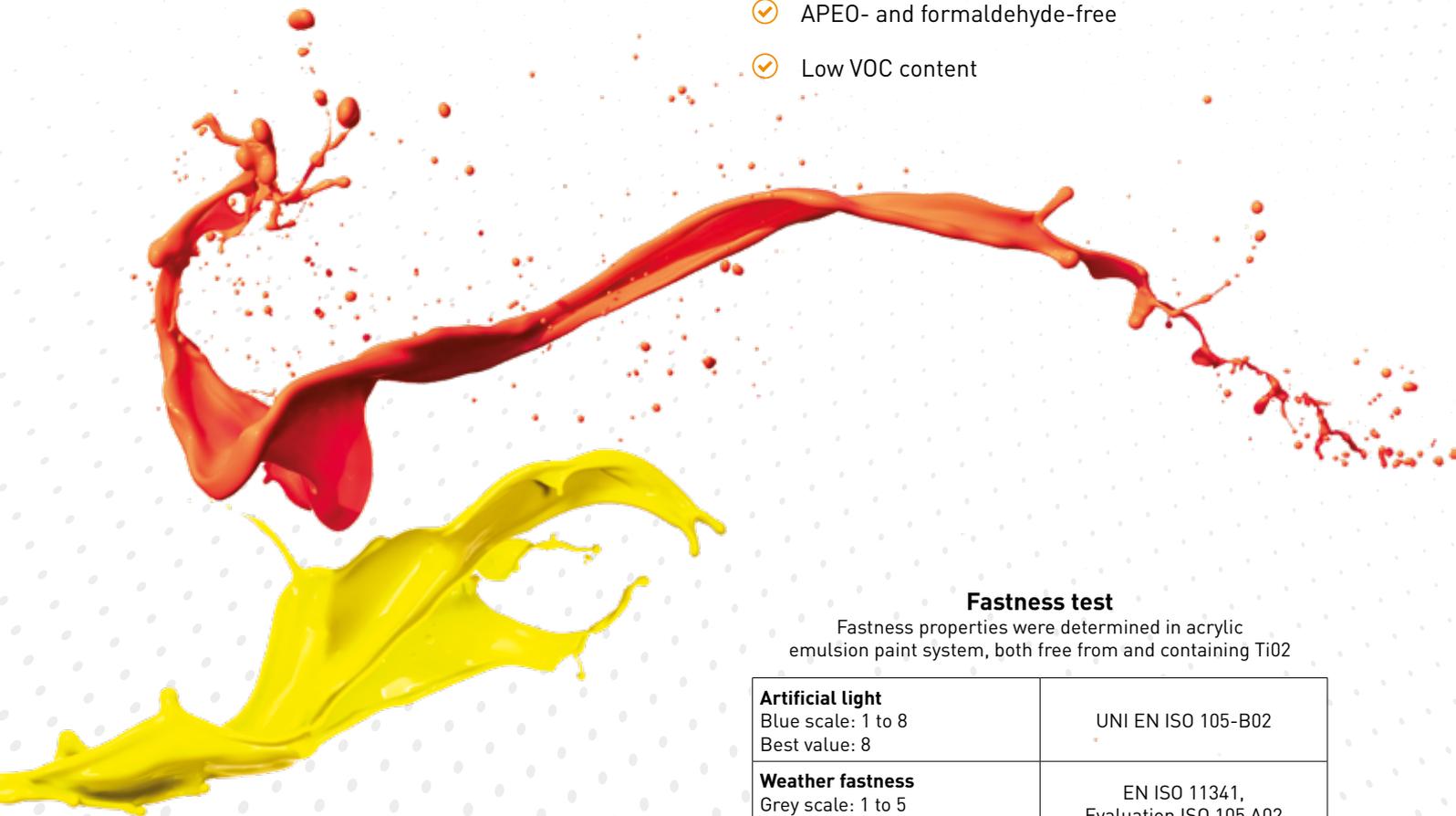
Micronil dispersions are APEO- and formaldehyde-free, with a low VOC content.

The colour card shows the range of basic shades, which can be personalized according to Customer requirements, and their fastness properties.



## ADVANTAGES

- ✓ Very good compatibility with water-based systems
- ✓ High dispersion degree (< 2 micron)
- ✓ Excellent colour yield
- ✓ Optimum reproducibility
- ✓ Tailor-made colours
- ✓ High value of light fastness
- ✓ APEO- and formaldehyde-free
- ✓ Low VOC content



### Fastness test

Fastness properties were determined in acrylic emulsion paint system, both free from and containing TiO2

<b>Artificial light</b> Blue scale: 1 to 8 Best value: 8	UNI EN ISO 105-B02
<b>Weather fastness</b> Grey scale: 1 to 5 Best value: 5	EN ISO 11341, Evaluation ISO 105 A02
<b>Resistance to acids and alkalis</b> Grey scale: 1 to 5 Best value: 5	Achitex Minerva method



### Micronil organic range

Fulltone (6%)	Fulltone (6%) + TiO2 (16%)	Micronil	Light fastness		Weather fastness		Resistance to acids Fulltone (6%)	Resistance to alkali Fulltone (6%)
			Fulltone (6%)	Fulltone (6%) + TiO2 (16%)	Fulltone (6%)	Fulltone (6%) + TiO2 (16%)		
		<b>YELLOW 10GM</b>	7	7	4	4	5	4-5
		<b>YELLOW GM R</b>	6	5-6	3-4	3	5	4-5
		<b>YELLOW HRM</b>	6	5	3	3	5	5
		<b>ORANGE 2RM</b>	6-7	6	4-5	4	5	4-5
		<b>RED RM N</b>	7	6	3-4	2	5	4
		<b>VIOLET 2BTM</b>	7-8	7	4-5	4-5	5	5
		<b>BLUE FCM N</b>	8	8	4-5	4	5	5
		<b>BLUE BGS</b>	8	8	4-5	4	5	5
		<b>GREEN YM N</b>	8	8	4-5	4	5	5
		<b>BLACK CM</b>	8	8	4-5	4-5	5	5

### Micronil inorganic range

		<b>YELLOW OXIDE KM</b>	8	8	5	5	5	4-5
		<b>RED OXIDE B</b>	8	7-8	5	5	5	5
		<b>BROWN OXIDE P</b>	8	8	5	5	5	5
		<b>BLACK OXIDE Z</b>	8	8	5	5	5	5

Note: data contained in this document are based on our current knowledge and experience, they are not to be considered a guarantee, considering the numerous factors that can influence the process and application of our product. This data doesn't relieve users from carrying out their own preventive tests. The colours shown in this chart are purely indicative.



# ACHITEX MINERVA

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UNI EN ISO 14001:2015



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