

Series 784

## Weather and water resistance

Series 784 products are designed for long-term outdoor use. The inks are designed for maximum outdoor resistance and are manufactured with the most weather-resistant pigments available on the market.

All our products are tested under conditions according to DIN EN ISO 4892-2 up to 2'000 hours and according to DIN EN ISO 4892-3 up to 3'000 hours and evaluated according to the grayscale of DIN EN ISO 105-A 02.

Outdoor weathering tests in Switzerland and Florida supplement the results.

### **DIN ISO 4892-2**

Xenon arc lamp

- 0.60 W/m<sup>2</sup> / TUV nm incl. constant irradiance control
- Continuous exposure: 102 minutes dry / 18 minutes demineralized spray water
- 50 % relative humidity

### **DIN ISO 4892-3**

UVA lamps-340

- 0.75 W/m<sup>2</sup> at 340 nm incl. constant irradiance control
- Alternating cycle: 4 hours exposure / 4 hours dew (demineralized water)
- 100 % relative humidity

Water resistance tests are performed at 45 °C and 90 % humidity (Dinkelberg Ecotherm).

The final printing result depends on the printing speed, ink film thickness, image composition, printing material used and drying and cannot be influenced by the ink supplier. Printing materials which are not designed for outdoor use may cause problems. The customer must carry out final resistance tests on the end product.

This information is based on laboratory tests and practical experience. Our technical application advice is given to the best of our knowledge but is only considered non-binding information and does not exempt you from carrying out your own tests. In doubtful cases, we ask you to conduct a test or contact our technical staff. The application, use, and processing of the products we supply are beyond our control. They are therefore exclusively your responsibility and exempt us from any warranty liability. Adding products not mentioned or third-party products is at your own risk and releases Printcolor AG from any subsequent claims, especially if products of a different type cause damage. (T22 / T32 / 07/2022)