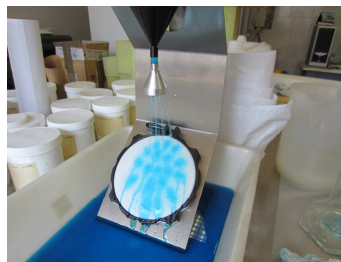




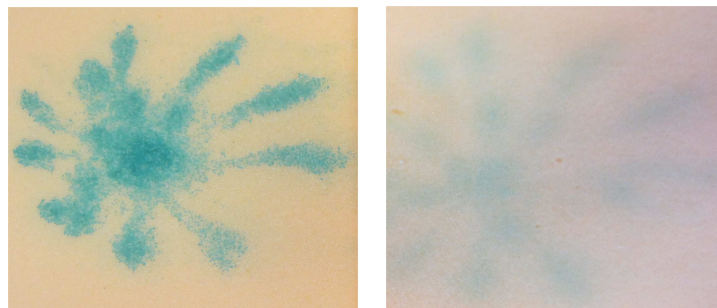
Surface wetting test



The test was conducted according to the BS EN 24920: 1992; ISO 4920: 1981 standards on samples of Conventional Polyurethane and DryFlex Polyurethane provided by Pelma. The instrument employed was a James Heal Spray Raining tester, with which the samples were wet with colored distilled water (250 ml) operating at 20 ° C. The center of the samples was at a distance of 150 mm from the spray nozzle and the angle formed between the axis of the diffuser and the floor of the sample was 45 °.



After all the liquid had been poured, the samples were beaten twice against a solid surface, keeping them horizontal with the wet surface facing down. The different samples were evaluated according to ISO photographic scales (AATCC-ISO TC 38) leading to a standard ISO number that is inversely proportional to the wettability of the sample: from ISO 0 (completely wet sample) to ISO 5 (completely dry sample). The following pictures show the test results for a sample of conventional polyurethane (left) and Dryflex (right).



The performed test evidenced that the Conventional Polyurethanes (PU1 and PU2) had an ISO number of 2 (on average wettable) while DryFlex Polyurethanes an ISO number of 4 (DF1 and DF2, slightly wettable) or 5 (DF3, non-wettable).

Bologna, april 9, 2015

Dott. Massimiliano Lanzi