



Desensitizing Ink

for wet offset, dry offset and letterpress printing

Instructions for use



Printing upon the CF coating must always take place as the last printing operation.

The desensitizing ink should be printed in its original condition.

All known damping units are suitable.

The PH value of the damping solution should be between 4.7 and 5.5;
the alcohol content may be up to 10 %.

Paper offset masters and photo-direct plates may not be used;
pre-coated positive plates may only be used with limitations.

Therefore, we recommend that positive plates be baked or that negative plates be used.

When printing letterpress, rubber or flexible synthetic blocks must be used.

Desensitization should be checked regularly during the printing run by means of copy testing.
When printing wet offset, tests for toning and undesired ink transfer onto guide rollers should also be carried out.

The following amounts of ink application are required for correct desensitization: 1.5 – 2.0 g/sqm.

A complete description of this process may be found in our [Technical Handbook giroform](#).

Production date & productions ident no.: > see QR Code

Video Tutorial

Further information is provided in our [giroform video tutorial](#)
„Desensitizing in wet offset, dry offset and letterpress printing“.



ATTENTION: Please note our information about the **new recipe** on page 2.

New Recipe



Compared to the previous recipe, the following **advantages** arise.

- > **More effective**
Less ink is required to achieve a good neutralizing effect.
- > **More economical**
Our own printing tests have shown that up to 25% less of the new desensitizing ink is required than the previous recipe.
- > **More stable colour-water-balance**
The ink shows very good ink transfer - both on "fast runners" in continuous offset printing, as well as on common offset sheet fed presses.
Similarly, no problems arise with dampening systems (conventional and alcohol dampening).
The dampening water values should be between pH 4.7 and 5.5, at medium hardness.
The alcohol addition should be at 3 - 5%.
(Tests have shown that even with 0% and 10% added alcohol, good results were achieved.)
- > **Processing properties**
The processing method is demonstrably less critical, even under less than optimum conditions.
For example, we detect a lower ink carryover by guide rollers in high-colour jobs on continuous printing machines.

There are no known disadvantages of the new recipe.

In case of further questions please contact our Technical Service:

- > technical.service.mpe@mitsubishi-paper.com