

MAX SAMES

Thermography:

Thermography was developed, when Engineers were seeking for ways of doing engraving-like print without having to rely on expensive toolmaking in the days, where engraving dies would take days to produce.



They came up with a system, that uses a fresh print, either from an offset press or a letter press, still sticky and adhesive, and a fine plastic granulate or powder being applied to the fresh print thus sticking to all areas with ink applied.

Tel 040/655996-0

In a second step, a powerful vacuum system removes all residual granulate while a third step melts the remaining granulate still applied to the areas of print with temperatures ranging up to about 200°C.

Fax 040/65599666

The heat will transform the initially opaque and white granulate to a transparent and smooth coating, opening view to whatever print lies underneath.

Info@MaxSames.de

So, if the pre-print was blue, the final thermography will be blue as well, while looking even more saturated due to the extra plastic coating.

Postfach 740744

At the same time, this coating will not only be visible but also feelable with a very special, tactile impression.

D-22097 Hamburg

It will look somewhat similar to the original engraving while serving a totally different market. With the preprint coming from a very thin pigment coating, it will never reach the high pigmentation values of engraving but is very attractive for high volume-, lower cost runs of repeated productions that have to be realized within the regulations of a tight budget.

Stegerwaldring 27

D-22119 Hamburg

Note, that very open, naturally surfaced materials are not as suitable for this system while closed-surface stock serves much better for Thermography, leaving smooth and very raised images. Fine lines and bold images might cause trouble in the combination. If unsure, consult with us for alternatives.

Today's modern Thermography can be done with special UV-curable compounds to be lasersafe on digital printing systems.

Best results will be reached with solid, non-screened colors.