

Micro scratch resistance agent

HIPE®DURE 2.0 is designed to dramatically increase the microscratch resistance of melamine surfaces.

It is easy to use and, like any other additive, has just to be added in to the liquid MF resin and doesn't require any special device to be applied.

Thanks to its special formulation, it is totally compatible with melamine resin and it does not interfere with reactivity and laminate color and transparency.

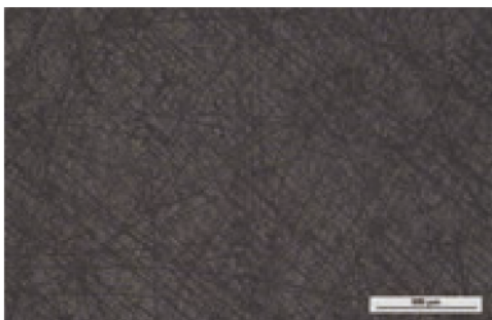
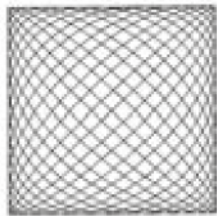
HIPE®DURE 2.0 is corundum free and, not being a powder dispersion, it doesn't sedimentate over time.

NAME	DOSAGE	BENEFIT
HIPE®DURE 2.0	1,5% - 3%	<ul style="list-style-type: none">■ Scratch resistance increasing■ Corundum-free, safe for press plates■ Stable solution, no need to be stirred before use■ No interaction with resin curing

HIPE®DURE 2.0

To evaluate the micro scratch resistance of a surface, we have chosen the Martindale test, a method that stimulates the everyday wearing scrub movement. The test is run according to the EN 16094:2012 norm.

The procedure consists in repeated circular movements of an abrasive sponge (sotch-brite fleece SB 7447 - very fine) following the Lissajous figure.



Surface without HIPE®DURE 2.0
(after 240 cycles - 3 times the norm requirements)



Surface with HIPE®DURE 2.0
(after 240 cycles - 3 times the norm requirements)