

NORTH AMERICAN
PLYWOOD
INCA DIGITAL PRINTING



NORTH AMERICAN PLYWOOD CORPORATION



DIRECT TO SUBSTRATE PRINTING

MDF



PARTICLE BOARD



MELAMINE



DIRECT TO SUBSTRATE PRINTING

IMPORT AND DOMESTIC PLYWOOD AND BLOCKBOARD



DIRECT TO SUBSTRATE PRINTING

FRP

PVC

GLASS

POLYCARBONATE



DIRECT TO SUBSTRATE PRINTING

SUBSTRATE PREPARATION IS THE KEY TO SUCCESS

DIRECT TO SUBSTRATE PRINTING

NAPC ALREADY
HAD 90% OF THE
PACKAGE WITH
OUR HIGH SPEED
5 FOOT WIDE UV
LINE



DIRECT TO SUBSTRATE PRINTING

DIGITAL PRINTING
IS THE FINAL 10%



HIGH DEFINITION GRAND FORMAT

CMYK PROVIDES A FULL SPECTRUM OF COLORS



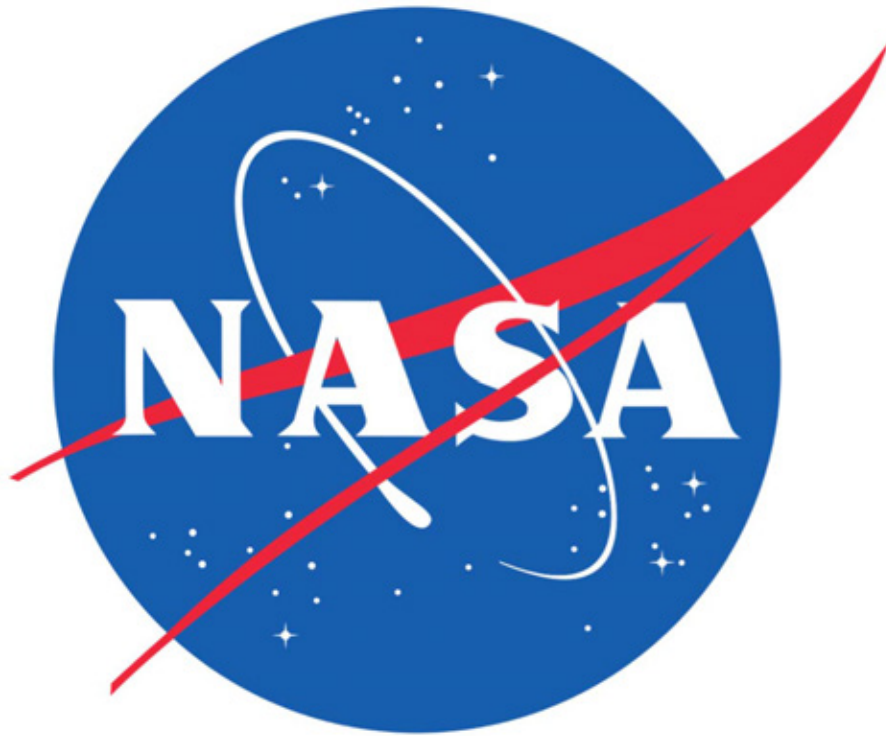
HIGH DEFINITION GRAND FORMAT

57,000 INDIVIDUAL PRINT NOZZLES



HIGH DEFINITION GRAND FORMAT

CORPORATE LOGOS AND GRAPHICS TO PHOTO QUALITY PRINTS



SUSTAINABILTY

PRINT EXOTICS OR RARE / EXTINCT SPECIES

Santos Rosewood



SUSTAINABILTY

DIGITAL SCANNING OF PLYWOOD, VENEER AND SOLIDS

Anegre



Karelian Birch



Cherry



SUSTAINABILITY

100% SOLIDS IN UV INK AND UV COATINGS
NO VOLATILE ORGANIC COMPOUNDS



SUSTAINABILITY

REAL WOOD SUBSTRATES FROM SUSTAINABLE FSC CERTIFIED SOURCES



SUSTAINABILITY

INCREASED YIELDS FROM THE ABILITY TO PRINT BOTH CROSS AND
LONG GRAIN ON THE SAME PANEL



SUSTAINABILTY

DIGITAL PRINTING IS FAST FLEXIBLE AND IS LIMITED ONLY BY YOUR
IMAGINATION AND CREATIVITY



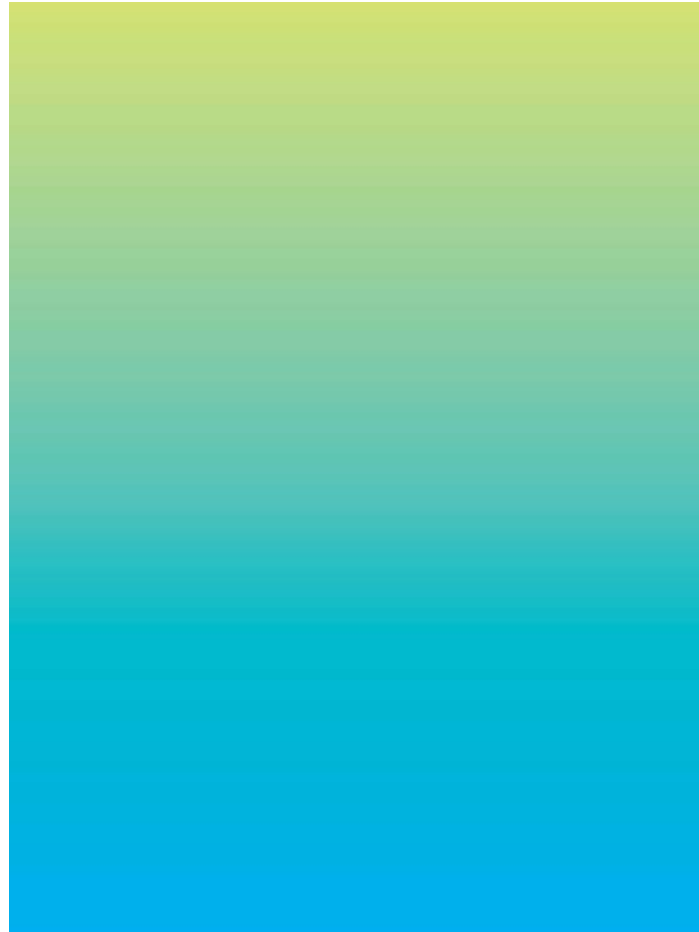
CONSISTENCY

REPEATABILITY WITH CONSISTENT GRAIN AND COLOR



CONSISTENCY

DIGITAL STAINING VS DIGITAL PRINTING



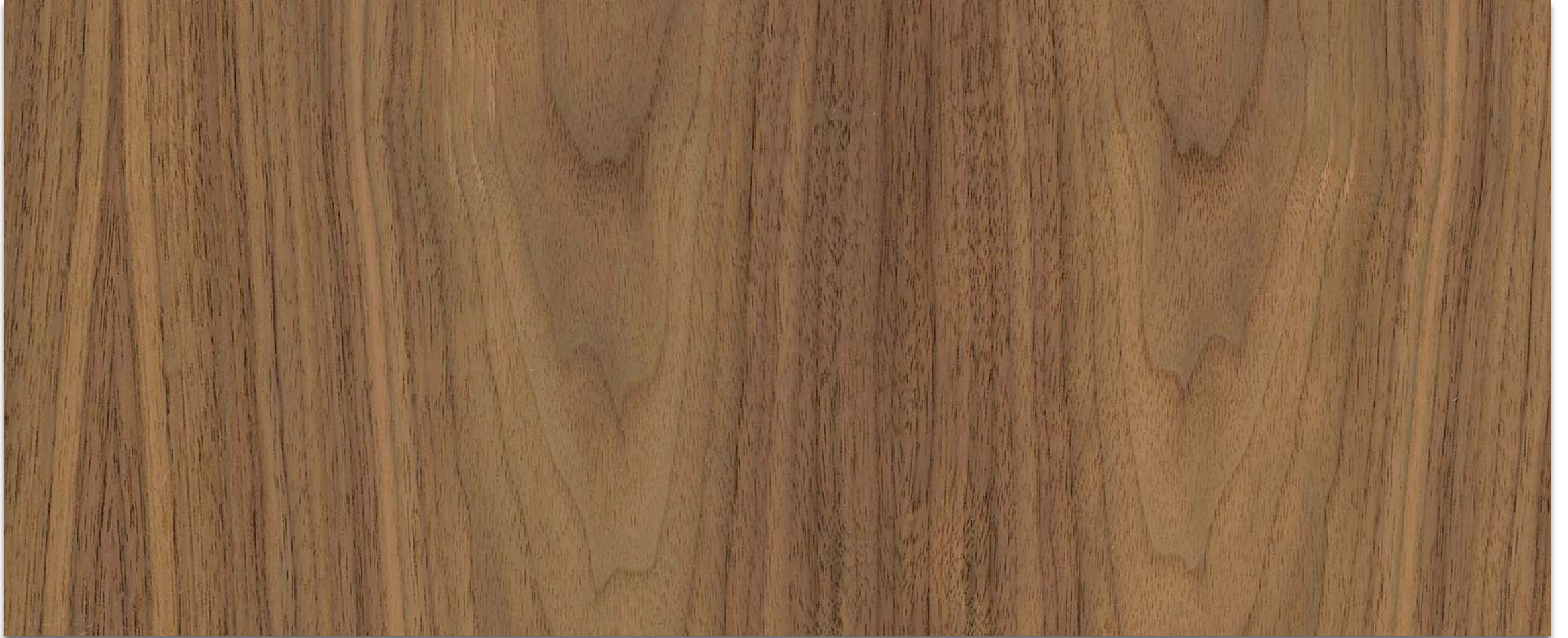
CONSISTENCY

WOOD SCANS SHOW GRAIN SUBTLETY AND SHADOWING



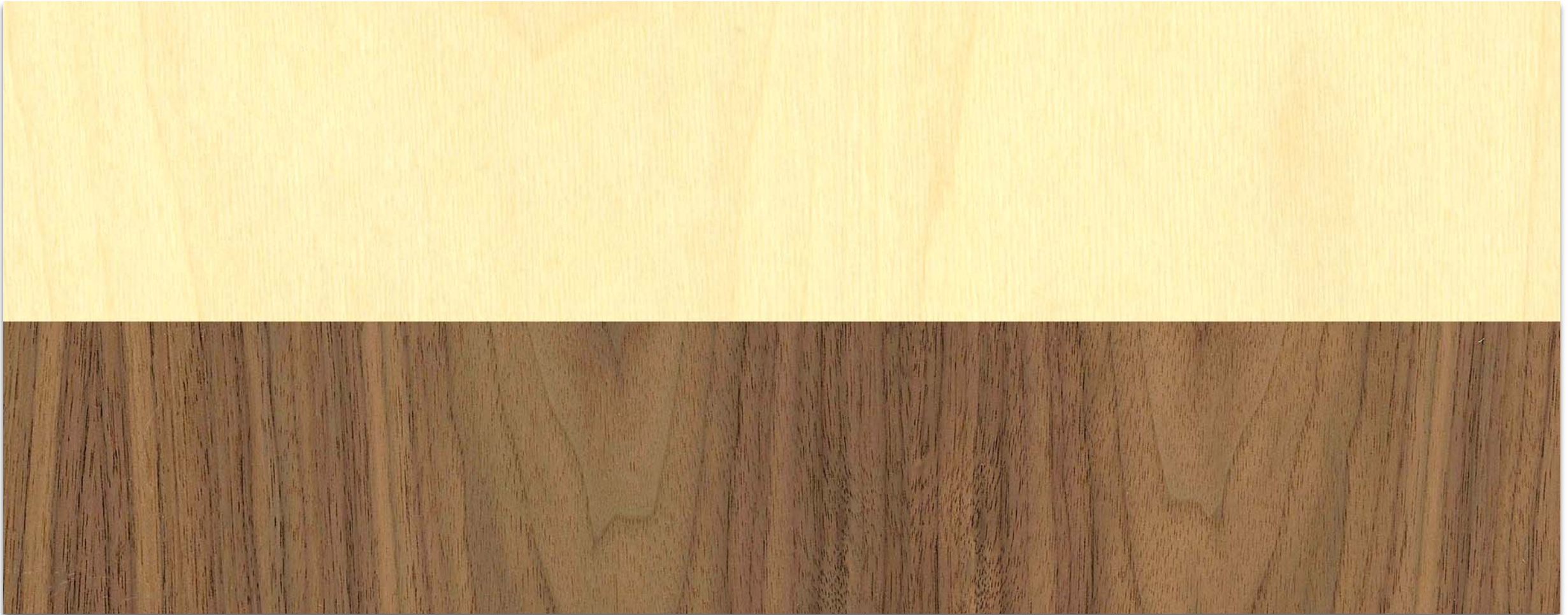
CONSISTENCY

REAL WOOD SUBSTRATES ADD LIFE TO ORDINARY PRINTS



CONSISTENCY

TURN'S A SOW'S EAR INTO A SILK PURSE



CAPABILITY

ABILITY TO PRINT MATCHING VENEERS FOR EDGE BANDING



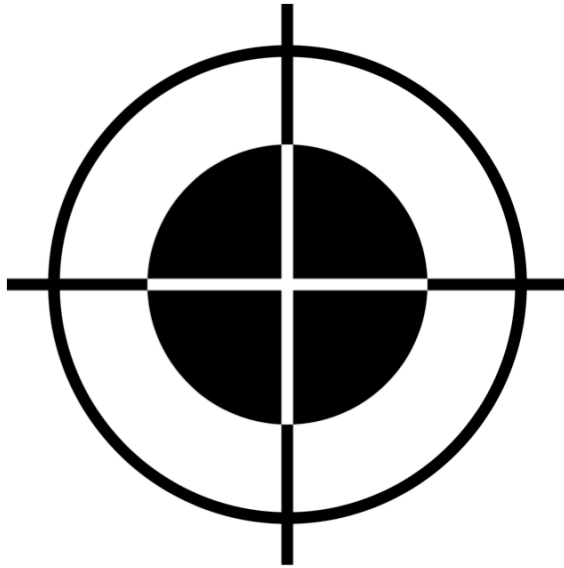
CAPABILITY

MANY FINISHING OPTIONS WITH UV LINE BETWEEN 30 AND 70 GLOSS LEVEL



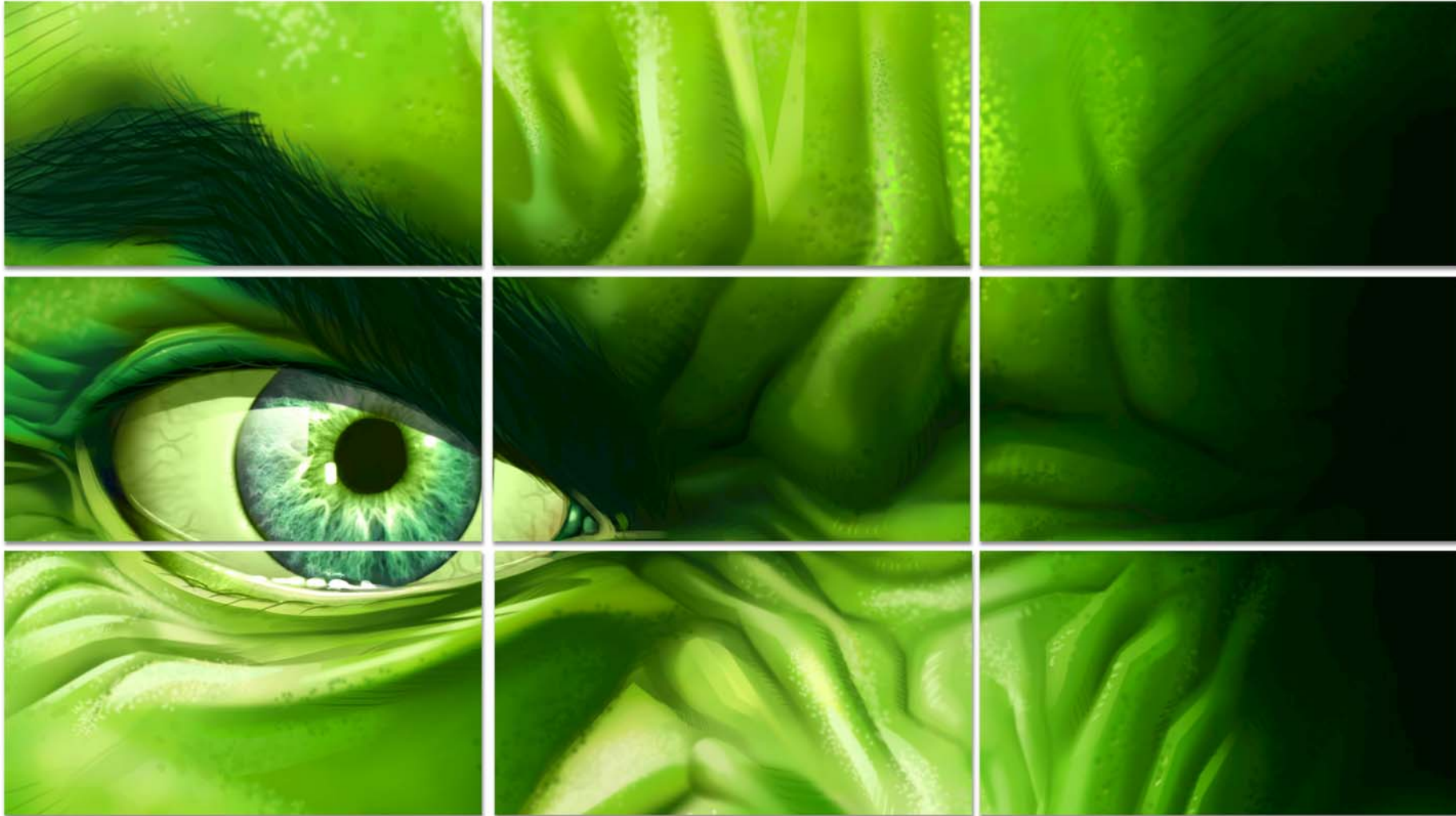
CAPABILITY

PRINTED REGISTRATION MARKS FOR CNC MACHINING



CAPABILITY

TILING AND NUMBERING FOR LARGE INSTALLATIONS AND BILLBOARDS



CAPABILITY

UV RESISTANT INKS FOR UP TO 25 YEAR INDOOR APPLICATIONS



CAPABILITY

UP TO 10,000 SQUARE FEET PER HOUR (200 5X10 BEDS)



APPLICATIONS

WALL PANELING AND MILLWORK



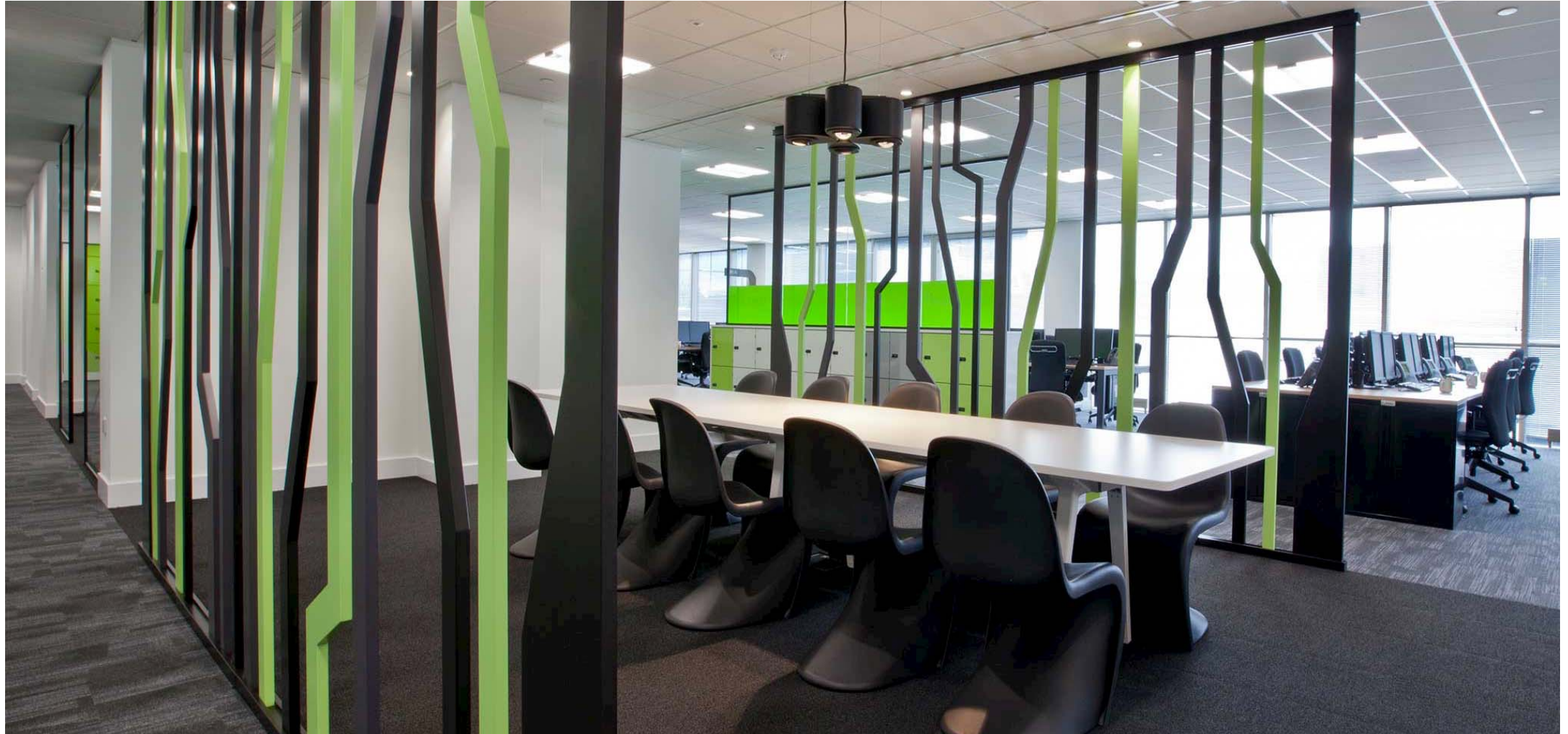
APPLICATIONS

STORE FIXTURES AND POP DISPLAY



APPLICATIONS

CONTRACT FURNITURE AND CASE GOODS



APPLICATIONS

CHILDREN'S FURNITURE



APPLICATIONS

ARTWORK AND INTERIOR DESIGN



CONCLUSIONS

WHY IS DIGITAL PRINTING ALMOST NONEXISTENT IN THE WOODWORKING
INDUSTRY OUTSIDE OF FLOORING?

THE SIMPLE ANSWER IS NO ONE IS AWARE OF THE AMAZING POTENTIAL
AND MULTIPLE APPLICATIONS OF DIGITAL PRINTING

HENRY FORD FAMOUSLY STATED:

“IF I HAD ASKED PEOPLE WHAT THEY WANTED, THEY WOULD HAVE SAID
FASTER HORSES.”

FUTURE CONSIDERATIONS

PUR HOT COATING - EXTERIOR RATED AND HIGH IMPACT RESISTANCE

ALUMINUM OXIDE - WEAR RESISTANCE

ONE PASS PRINTING

HIGH GLOSS AND ULTRA MATTE FINISHES

GRAIN REGISTRATION FOR WOODGRAINS



NORTH AMERICAN PLYWOOD CORPORATION

