



**Digital Printing on Glass**  
Projects Around the World  
using the Ceramic Ink Technology

1<sup>ST</sup>.  
COLORS

# HARLEM HOSPITAL

HOK

*Perth, Australia*



2ND.  
PATTERNS  
GENERATOR

# CARMEL UNIVERSITY CAMPUS

Knafo Klimor

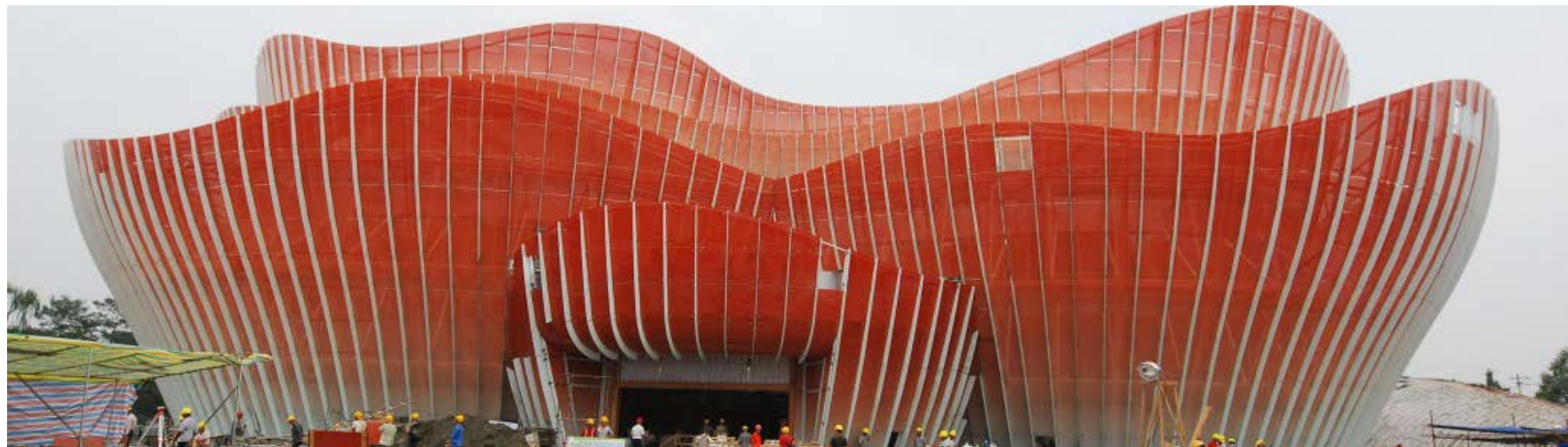
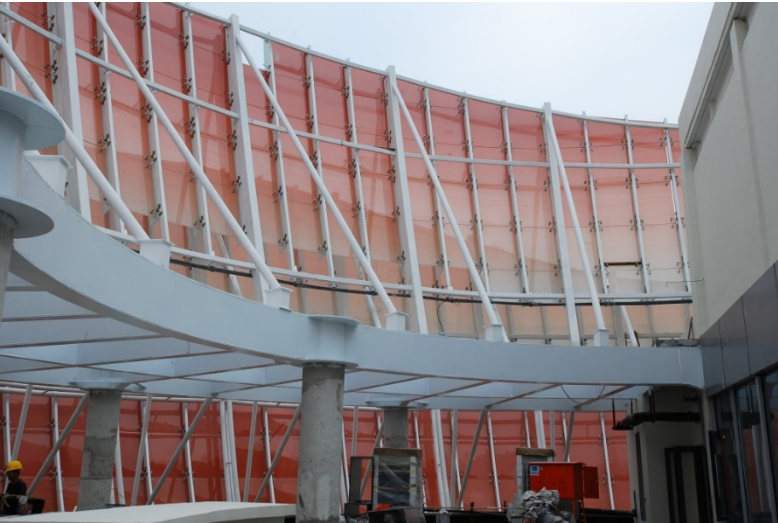
Haifa, Israel



3<sup>RD</sup>.  
GRADIENT

## CHENDU EXHIBITION HALL CHINA

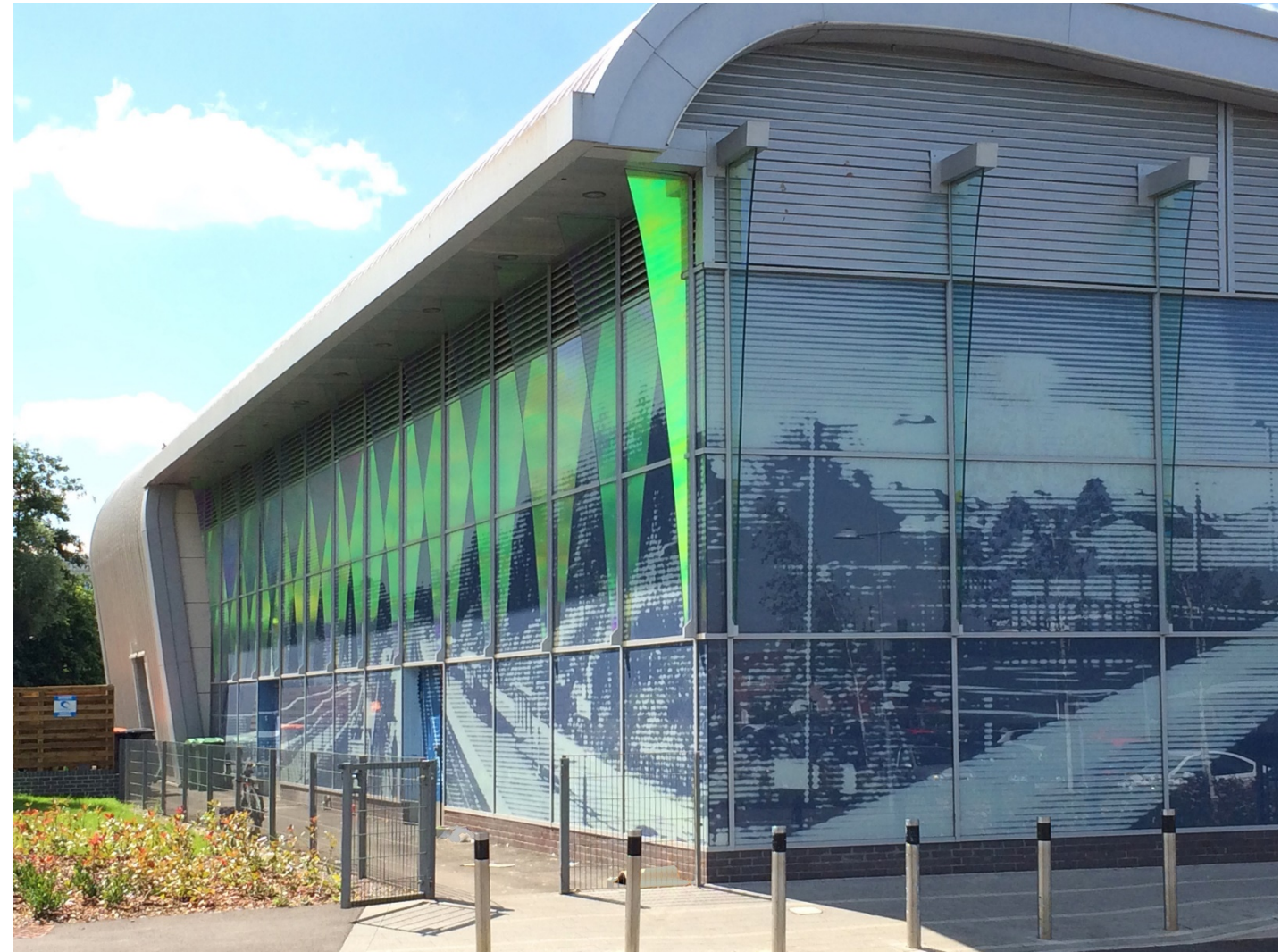
Tengyuan Design Institute Co., Ltd  
Chengdu, China



4<sup>TH</sup>  
LP

# ABBEYWOOD SHOPPING CENTRE, BRISTOL

Artist: Andrew Moor



5<sup>TH</sup>.

## DIGITAL MIX COLOURS

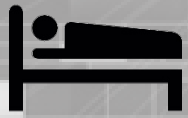
### UTC CAMBRIDGE MEDICAL RESEARCH CENTRE

Artist: Jo Chapman

Architects: Hawkins Brown  
Cambridge, United Kingdom



## INTERIOR PROJECTS



HOTELS



RESTAURANTS



AIRPORTS



BANK



MUSEUM

## DIGITAL MIX COLOURS

## RIVERLIGHT PROJECT, RESIDENTIAL DEVELOPMENT

Architects: Roger Stirk Harbour & Partners  
London, United Kingdom



EPSTEIN + THIRST  
**O'Hare  
INTERNATIONAL  
AIRPORT**  
Chicago, Illinois, USA

Printed Area  
350 sqm /3,746 sqf

Colors  
Digital Mix

Glass Type  
13 mm Laminated



EPSTEIN + THIRST

# O'Hare INTERNATIONAL AIRPORT

Chicago, Illinois, USA

Printed Area  
350 sqm / 3,746 sqf

Colors  
Digital Mix

Glass Type  
13 mm Laminated



CHILE CRAFTS  
FOUNDATION

# Santiago Airport

SANTIAGO, CHILE

Printed Area  
25 sqm /270 sqf

10 Panels

Colors  
Digital Mix

Glass Type  
8mm clear



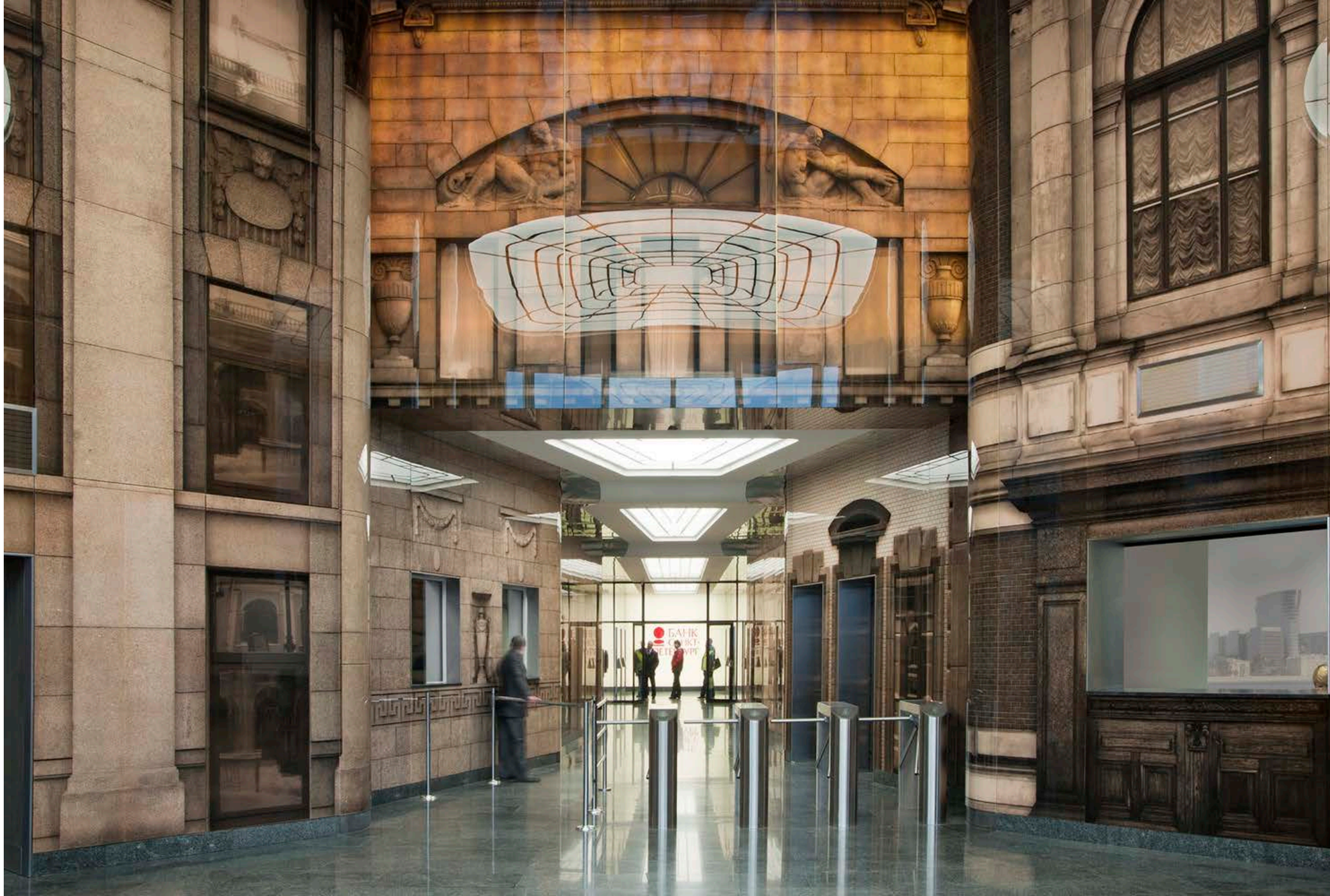
SPEECH Architects  
**Bank St.  
Petersburg**  
St. Petersburg, Russia

**Printed Area**  
2000 sqm / 6562 sqf

**Colors**  
Digital Mix

**2000 Panels**

**Glass Type**  
AGC tempered glass



ANAPOS  
**SAUNA**  
**PROJECTS**  
UNITED KINGDOM

Colors  
Digital Mix

Glass Type  
6mm low iron toughened



ממוקמים מול הלקוח, אז הם היו צריכים להיות מיוחדים מאוד הפאנלים.

CATA ARCHITECTS +  
SARAH BEECK  
**FUKU**  
**RESTAURANT**  
PERTH, AUSTRALIA

Printed Area  
7 sqm /75 sqf

Colors  
Digital Mix

Glass Type  
6mm low iron toughened



# CERAMIC DIGITAL PRINTING

**A) SOFTWARE**  
Digital files are prepared



**B) PRINTER**  
Glass is set into printer

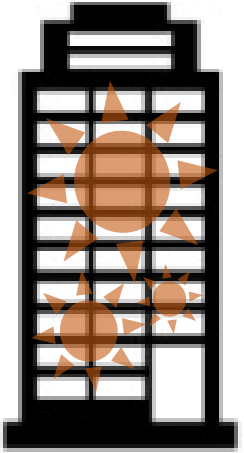
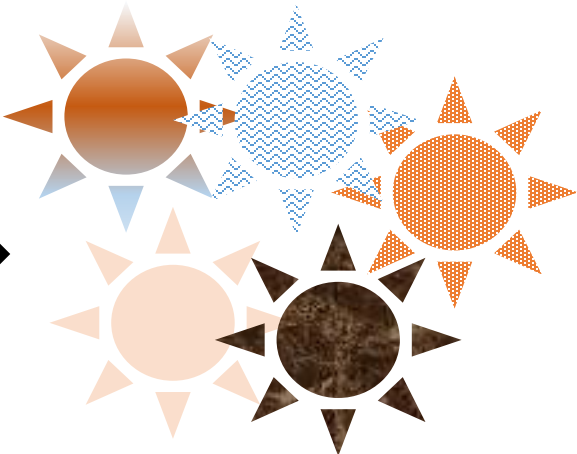
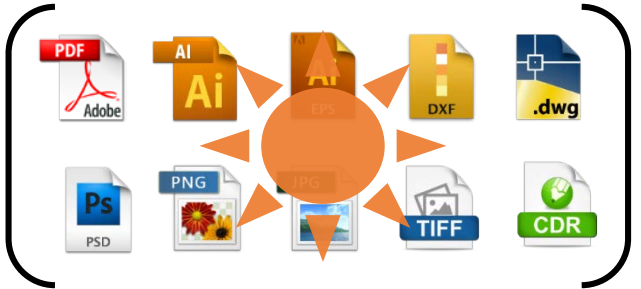


**C) INK**  
Image is printed with ceramic ink



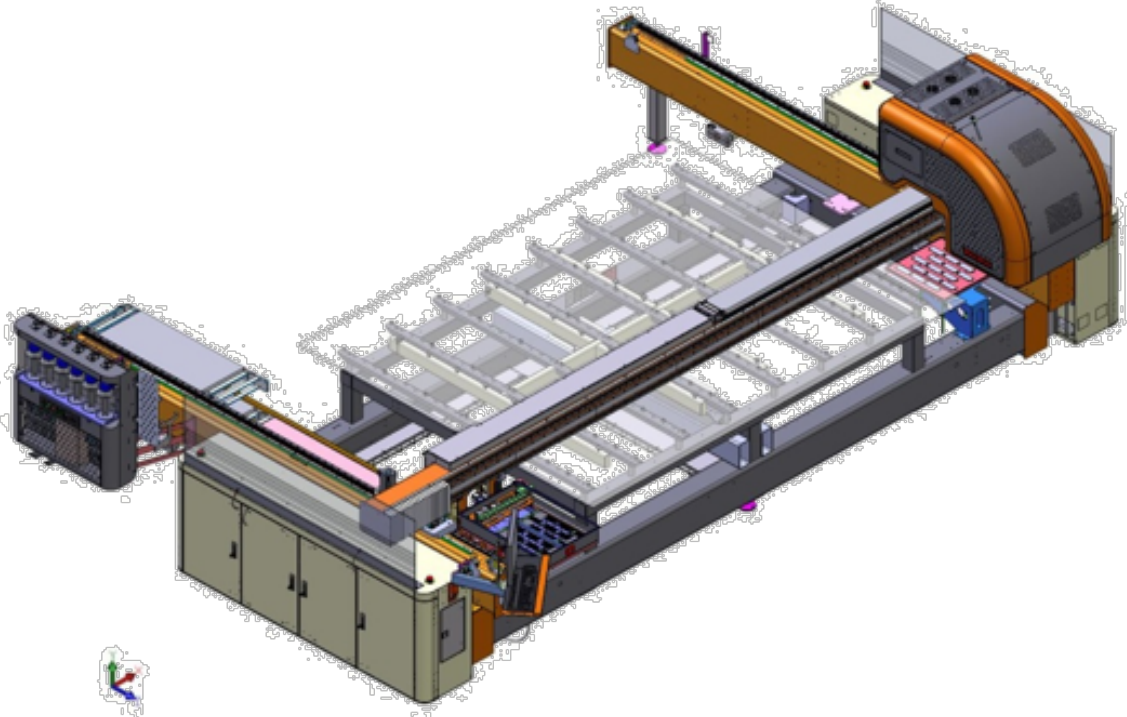
A) SOFTWARE

Digital files are prepared



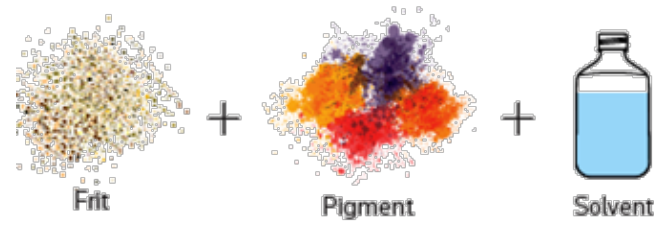
**B) PRINTER**

Glass is set into printer



C) INK 

Image is printed with ceramic ink



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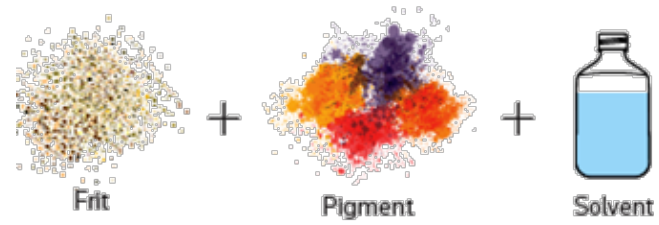
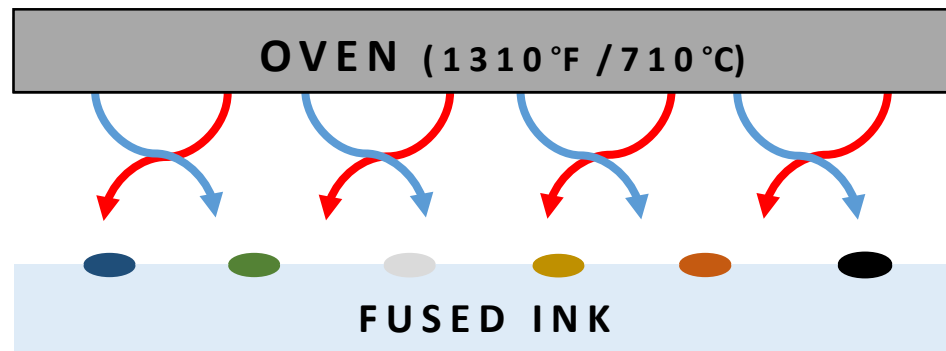
**C) INK** 

Image is printed with ceramic ink



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## D) INK OPACITIES

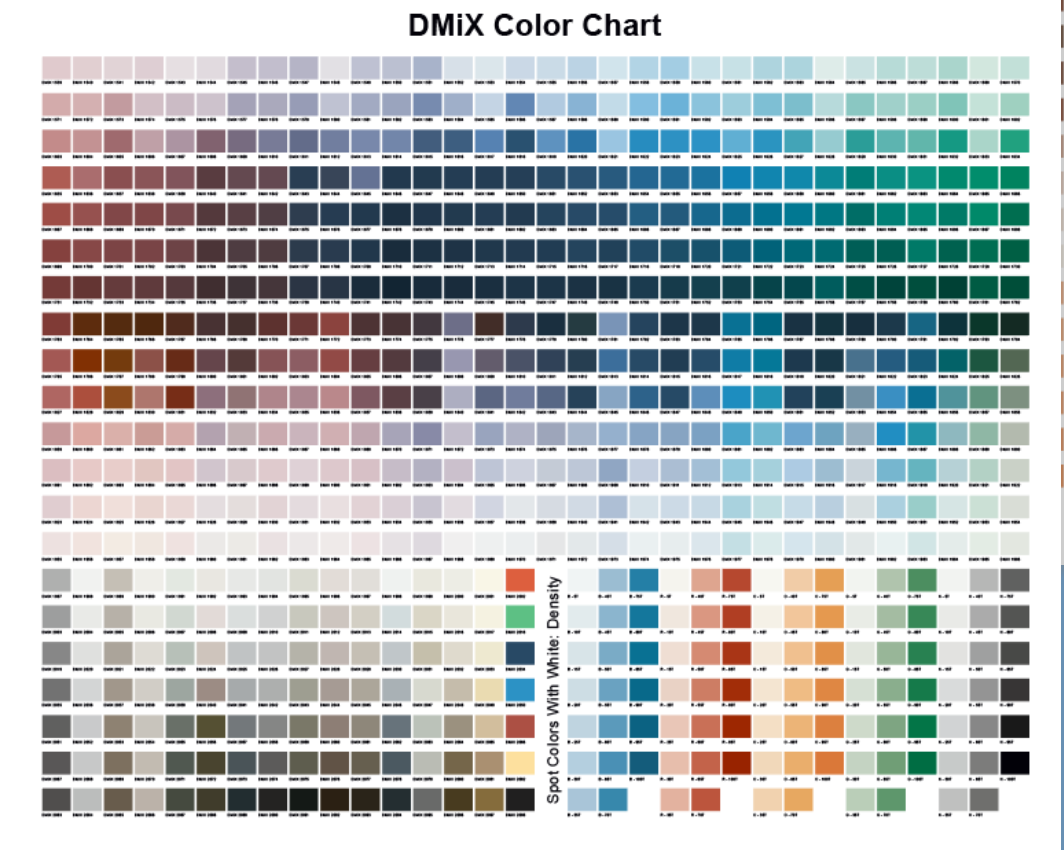
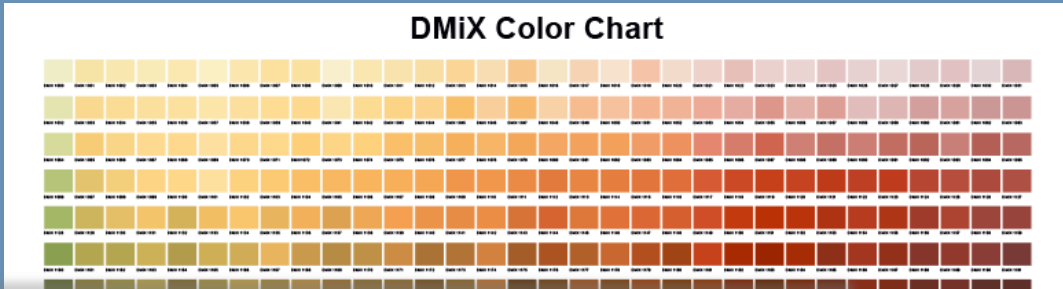
Vector / Solid colour that is printed with ceramic ink



INK OPACITIES FOR THE ABOVE  
COLOURS

100% - 600%  
OPACITY

DMiX No.

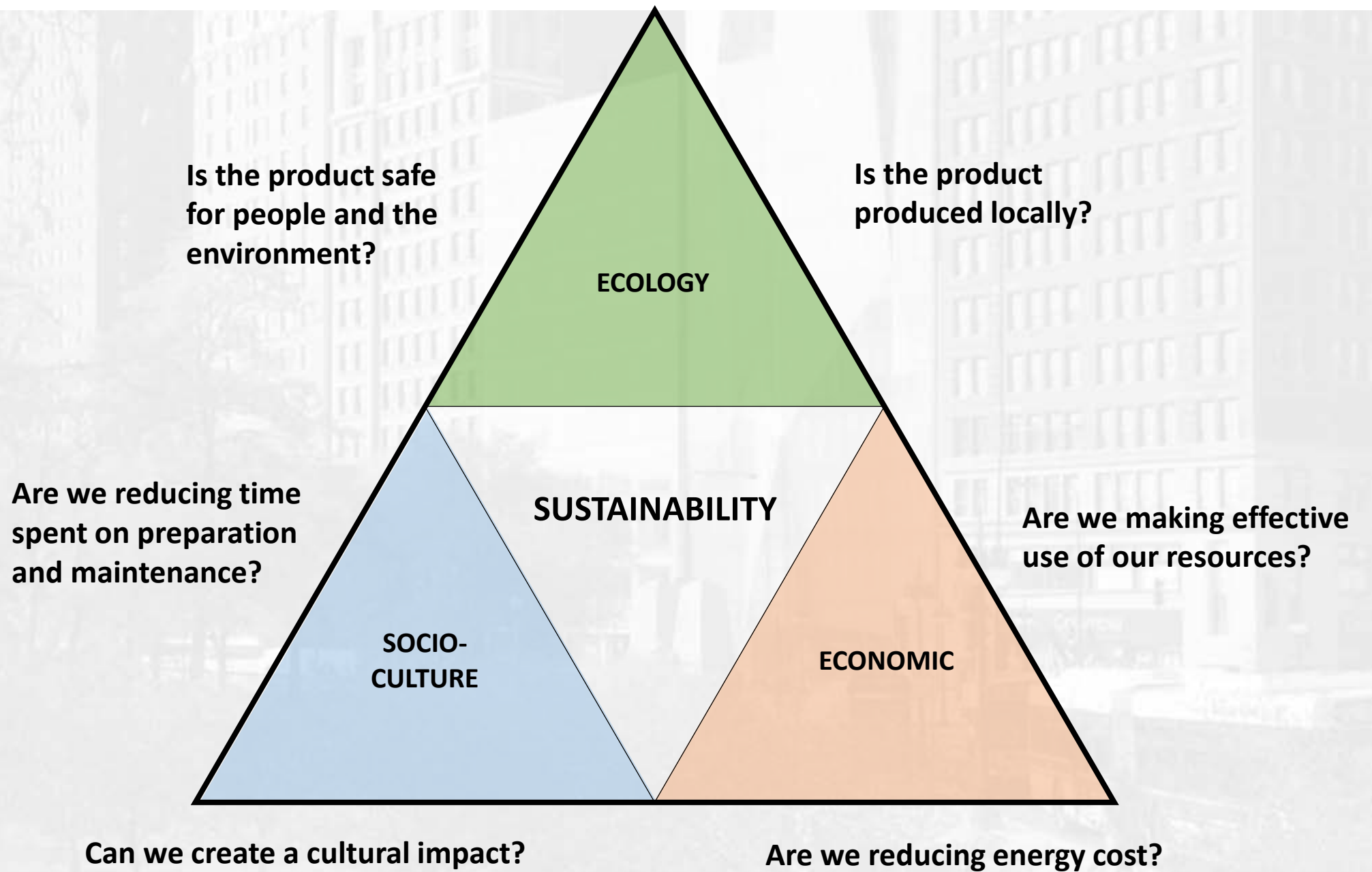


- Blue
- Green
- White
- Orange
- Red
- Black

HOW MANY COMBINATIONS IN THE DMIX PDF?

999    *1319*    1599

**DIGITAL PRINTING  
TECHNOLOGY  
CERAMIC INKS**



**BENEFITS**



**Lower maintenance**



**Ceramic inks do not contain heavy metals**



**Local production – less transportation**



**Anti Bird collision**



**Reduced ink waste**



**Glaze reduction**



**Panel replacement**



**Light and heat control**