

## **HEAT-TRANSFER PAPER FILM**

## **DECORAL SYSTEM XXXX/YY C**

Heat-transfer film  
on paper carrier



### *Information:*

- 1. Carriers for sublimatic inks*
- 2. Product features*
- 3. Product advantages*
- 4. Usage*
- 5. Technical datas*



### **DECORAL SYSTEM SRL**

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# TECHNICAL TOOLS

Laboratory Tests and Technical Documentation

## CARRIER C

Paper carrier for the decoration of flat surfaces

### 1. Types of carrier for sublimatic inks

Heat-transfer technology requires sublimatic inks to be temporarily laid on a *carrier*; from here, they are subsequently transferred, through heat, into a layer of special powder-coating material.

Inks are sublimated while tightly in touch with the surface that is to be decorated, thus diffusing them in gas phase into another material.

Every type of carrier has physical characteristics that make it particularly suitable for certain kinds of applications and usage.

### 2. Product features

When producing paper heat-transfer films, sublimatic inks are directly printed on the carrier. No *primer* is necessary.

### 3. Product advantages

This kind of carrier makes the decoration of metal sheets and large flat surfaces easier and faster: paper is permeable to the ink gases that form during sublimation, so it lets part of them sublimate into the carrier, avoiding the formation of gas bubbles between the heat-transfer film and the object to decorate. For this reason, these films do not require microperforation.

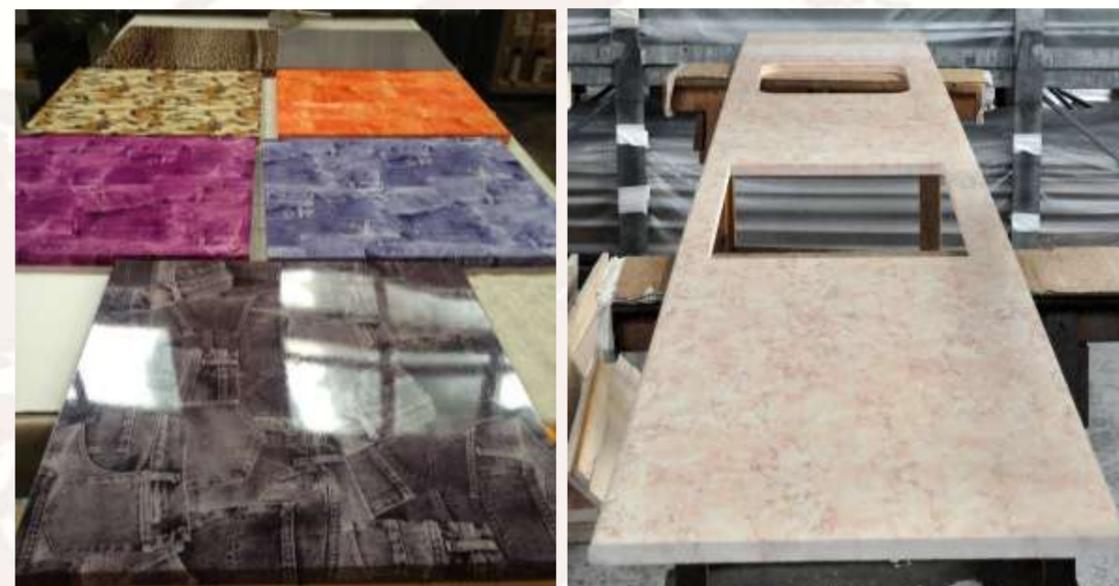
Besides, the removal of the film after sublimation is fast and easy.



Flat surface double coated and decorated with heat-transfer film on paper carrier 6010/56 C

### 4. Typical usage

- Metal sheets;
- Large flat surfaces;
- Decoration of tridimensional objects with special technique.



Metal sheets, decorated with heat-transfer films on papers

### 5. Technical datas

Product code	XXXX/YY C
Material	Paper
Weight	30 g/m <sup>2</sup>
Curing cycle	190-210°C for 10 minutes
Width	1630 mm
Standard length	750 m
Storage conditions	Keep away from heat and direct sunlight; temperature: 20-25°C; relative humidity: 50%.

Decorations with this kind of carrier are printed on customer's request