Metalcolour
INNOVATIVE COIL COATING

DOBEL® OCEAN SKY

APPLICATIONS

Film laminated sheet metal is used where the requirements are high regarding aesthetic and robust surfaces. **DOBEL® Ocean Sky** is a member of the **DOBEL® F 105** family and especially developed for ceilings where robust surfaces and fire classifications are required.

PRODUCT DESCRIPTION

DOBEL® Ocean Sky consists of a 100-130 µm thick Vinyl film laminated onto sheet metal. The base material is hot-dip galvanized steel or aluminium. The product is supplied with a removable protective film. The reverse side has as standard a primer coating, suitable for gluing and foaming.

DOBEL® Ocean Sky is supplied as coils* or cut-to-length sheets. European standard EN 10 169-1 for organic coated sheet is applicable for this product.

CLEANING & MAINTENANCE

With regular maintenance, your Metalcolour product will last even longer. Our product sheet "Maintenance Instructions" gives detailed instructions how to clean and maintain the product in best possible way.

STORAGE AND HANDLING

Care should be taken to avoid damage to the surface during handling and installation.

- Store in a clean dry place at room temperature (~23°C)
- Keep out of direct sunlight and away from heat sources
- Store the material in the original packaging
- Do not put heavy objects on top to prevent surface damage and pressure marks
- The protection film should not be removed until the material is installed

REACH & SUSTAINABILITY

Metalcolour Sverige AB continues to commit significant resources in order to ensure that our processes are increasingly environmentally friendly, performed under controlled conditions according to ISO 9001 and ISO 14001.

Metalcolour Sverige AB follows REACH regulations and uses no materials containing restricted chemicals on the SVHC candidate list, Substances of Very High Concern.

All of our products are compliant to RoHS Directive 2015/863.

Film laminated metal can be recovered at the end of its life cycle by remelting to new metal. **DOBEL® Ocean Sky** should be collected, as all other metal sheets, through the local scrap recovery channels.

TECHNICAL SERVICE AND INFORMATION

Dimensions and tolerances in the data sheet are standard. Other requirements available on agreement.

* Only available in steel.

All DOBEL® products are 100% recyclable

PROPERTIES

Specification	Data	Test method
Film thickness	100 – 130 µm	ISO 4591
Min bending radius	Steel 0 T*/Aluminium 1 T*	
Adhesion	No remark	ISO 1520
Impact resistance	18 J	ISO 6272
Max application temp	60ºC**	

* T is the metal sheet thickness. ** Temperatures exceeding 60°C may cause discolouration with time.

DIMENSIONS – SHEETS CUT TO SIZE

Specification	Thickness (mm)	Width (mm)	Length (mm)	Zn thickness (g/m²/side)
Steel	0.50 – 1.50	– 1280	– 3700	100*, 275
Aluminium	0.70 – 1.50**	– 1250	– 3700	

* Standard Zn thickness. Maximum bundle weight: 3.0 tonnes (steel). ** 2,00 mm thickness available for min. order quantity of 7 tons.

COILS

Specification	Thickness (mm)	Width (mm)	Zn thickness (g/m²/side)
Steel	0.50 – 1.00	– 1280	100*, 275

* Standard Zn thickness. Inside diameter: 610 mm or 508 mm. Max coil weight: 5 tons.

TOLERANCES, STEEL/ALUMINIUM

Thickness* (mm)	Tolerance (± mm)
0.50 – 0.60	0.06
0.61 – 0.80	0.07
0.81 – 1.00	0.08
1.01 – 1.20	0.09
1.21 – 1.50 (Alu: 1.21-2.00)	0.13

* According to SS – EN 10 143 (steel). According to EN 485 (aluminium).

Dimensions	Tolerance (mm)
Width (mm)	-0/+6
Length (mm)	-0/+2

There can be up to 5 mm naked edge (without film), on material with standard dimension tolerances.

Flatness: 5 mm standard deviation.

Straightness: 5 mm maximum deviation on a gauge length of 2000 mm.

Squareness: The squareness is expressed as the maximum allowable difference in length of diagonals. 3 mm up to length of 3000 mm.

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