



**EGNER BUILDING TECHNOLOGIES PTE LTD**  
*German roofing systems... redefined*

# EINZIGARTIGE UND LEBENDIGE FARBEN PVDF II FARBKARTE

## ABOUT US

**Our company** has completed a wide range of unique and challenging roof installations ranging from large and small commercial and custom high-end residential projects.

Today our company leads the sheet metal trade individual detailing of roof design, fabrication, and installation of high-end Architectural Sheet Metal Products. Our Company is today well known among the leading Architects for excellent craftsmanship, detailing, consulting service and after-sales service.

**EGNER BUILDING TECHNOLOGIES PTE LTD** uses the latest cutting and forming equipment to provide consistent quality, competitive pricing, and on-time delivery and installation of modern sheet metal roof and wall cladding.



## **PVDF Coatings for Architectural Aluminium: What do You Need to Know?**



**EGNER BUILDING TECHNOLOGIES PTE LTD** offers a wide range of Pre-painted PVDF II Aluminium that assures quality that matches individuals' creativity.

What are PVDF Coatings?

Polyvinylidene fluoride (PVDF) coatings are a factory-applied, resin-based coating system, typically with embedded colour pigment particles that support a wide range of matte-finish colours. They are most commonly used for architectural coating applications due to their superior resistance to weathering by sunlight, moisture, or temperature.

***That is why it is the best coating used for Aluminium Roofing sheets, wall cladding, and curtain walls.***

PVDF coatings fit among the fluorocarbon family of plastics, which form bonds that are extremely chemically and thermally stable. This enables some PVDF coating variants to consistently surpass stringent requirements with minimal fading over long periods of time.

Architects around the world appreciate the benefits of PVDF II coatings and specify these advanced coatings for monumental, industrial, and commercial applications. Structures using PVDF II aluminium as Roofing and Wall Cladding material over 40 years ago still have their original beauty and appearance, showing that PVDF II based coatings deliver reliable, long-lasting performance in real-world conditions.

## Key Benefits of Using PVDF Coatings

- More environmentally friendly than dip coatings, which contain volatile organic compounds (VOCs)
- Resistant to sunlight
- Resistant to corrosion and chalking
- Resistant to wear and abrasion
- Maintains a high colour consistency (resists fading)
- High resistance to chemicals and pollution
- Long-lasting with minimal maintenance

## Comparing PVDF and Powder Coatings

The primary differences between PVDF coatings and powder coatings are that PVDF coatings:

- Use a modulated fluid paint, whereas powder coatings use electrostatically applied powders
- Are thinner than powder coatings
- Can potentially be cured at room temperature, while powder coatings must be baked
- Are resistant to sunlight (UV radiation), while powder coatings will fade over time if exposed
- Can only have a matte finish, whereas powder coatings can come in a full range of colours and finishes



# PVDF II COLOR CHART



1025



1125



1070



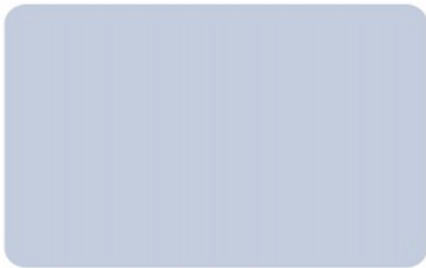
1027



1007



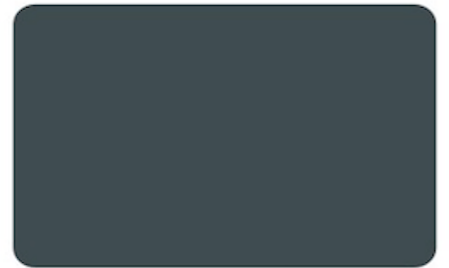
1020



1018



1001



1011



1024



1008



1007



1003

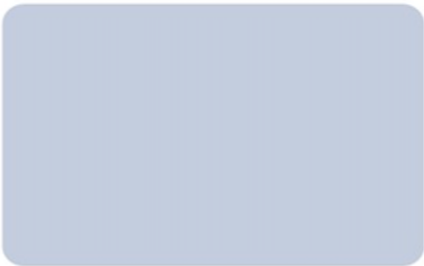


1001



1003

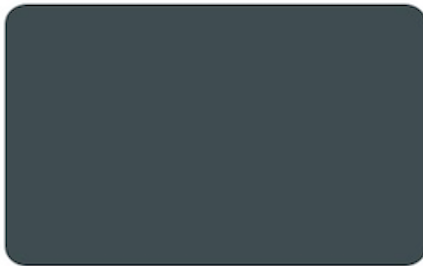
# PVDF II COLOR CHART



2057



2019



2005



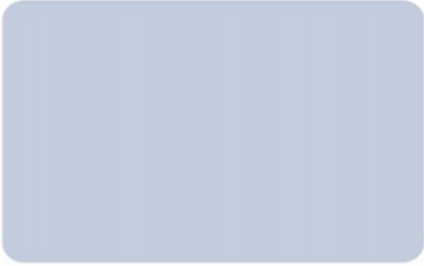
2023



2109



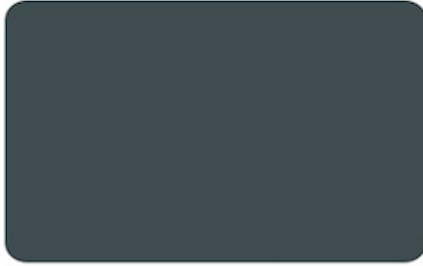
2098



PE LT23M-2092



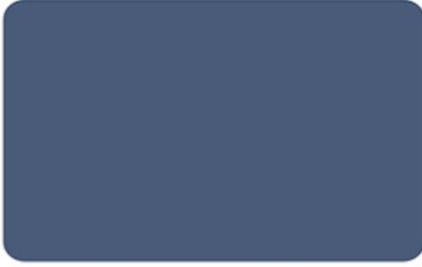
2023



2032



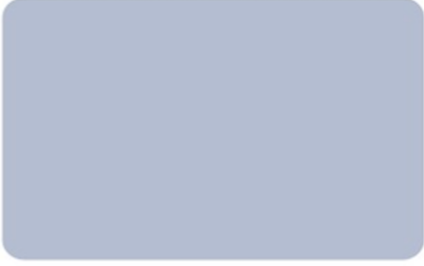
2008



2030



2079



2157



9035



2058

# PVDF II COLOR CHART



1004



1005



1049



2001



2003



2011



2037



2134



2100



2017



2013



2007



2095



2007



2006