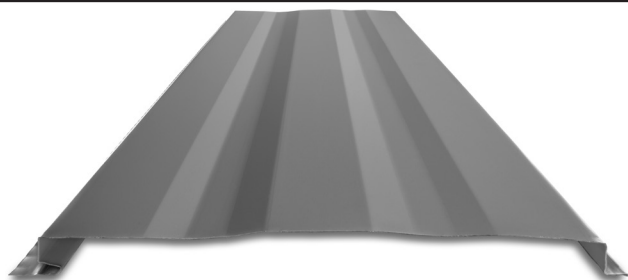




ICC
EVALUATION
SERVICE™

ICC-ESR EVALUATION REPORT #5045 with CBC-CRC Supplement

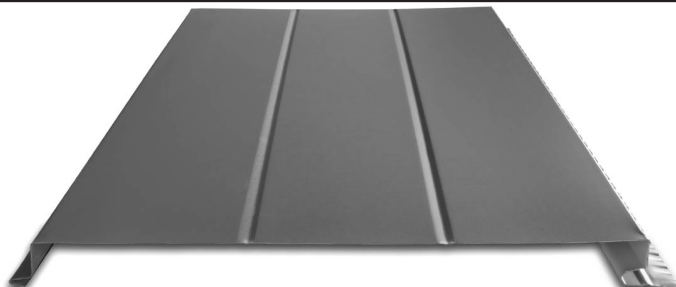


STRIATIONS

Best choice to help mitigate oil canning



FLAT PAN



DOUBLE V-GROOVE or SINGLE V-GROOVE



VENTED PANELS

6.16 sq. inch (4.2%)
free air flow lineal foot of perforated panel

KEY FEATURES

- Manufactured in Salem, OR, Sacramento, CA and Riverside, CA
- 12" coverage option
(Please inquire for other panel widths)
- 1" or 1-1/2" rib heights
- 24 & 22 Tru-gauge™ and .032" & .040" aluminum
- Custom 20 & 18 Tru-gauge™ and .050" & .063" aluminum available (please inquire)
- Aluminum is recommended within 1000 ft of salt water (not required)
- 3' to 35' panel lengths
(Inquire for longer or shorter lengths)
- For panels over 14 ft. in length, please inquire with a TMP Representative. Consider thermal movement, points of attachment, and substrate. Longer panel lengths are more difficult to install as they can change shape, cause distortion ("oil canning"), and are vulnerable to "folding" or other damage.
- Panel options: Vented, Striations, Single V-Groove, Double V-Groove, and Flat Pan (only available in 24 & 22 Tru-gauge™, and .032" & .040" aluminum)
- 2' Shortcut capability (fee applicable)
- Concealed Fasteners: fasteners cannot leak
- Versatile in wall and soffit applications
- Panels being installed on open frame building (please inquire)

TESTING

-  ICC-ESR #5045 with CBC-CRC Supplement
- ASTM D6578 - Anti-Graffiti
- ASTM E283 - Air Infiltration Siding
- ASTM E331 - Water Infiltration Siding
- ASTM E1592 - Structural uniform static air pressure
- ASTM E2886 - Ember Penetration (vented soffit)



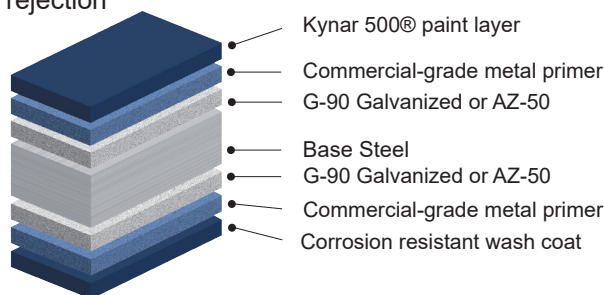
SmoothWall™ installation is recommended over solid sheathing with z-backer during installation to mitigate visual canning effects or "oil canning".

MATERIAL SPECIFICATIONS

- 24 & ▲ 22 Tru-Gauge™ steel Kynar 500® (PVDF) Painted Steel G-90 Galvanized or ZINCALUME® AZ-50
- ◆.032" & .040" Kynar 500® (PVDF) Painted aluminum (*please inquire*)
- 24 & 22 Tru-Gauge™ bare ZINCALUME® Plus AZ-55 (*No finish warranty – 25 yr. perforation warranty*)
- 24 Tru-Gauge™ Bonderized
- 22 gauge Rusteel Plus™ (A606)
- 16 & 20 oz. Copper (*Inquire for availability & price*)
- Kynar 500® (PVDF) and substrate testing data available (*See website*)
- PVDF is a fluoropolymer that is manufactured under the trademarked names Kynar 500® and Duranar® (PPG). Paint finishes containing a minimum 70% PVDF resin meet the high-performance weathering criteria established by the American Architectural Manufacturing Association and are allowed to carry the Kynar500® trademarked name. ZINCALUME® & ZINCALUME® Plus are registered trademarks of Bluescope Ltd. Galvalume® is a registered trademark of BIEC International, Inc. Vintage® is a registered trademark of Steelscape, Inc. Kynar® and Kynar 500® is a registered trademarks of Arkema, Inc.

FINISHES

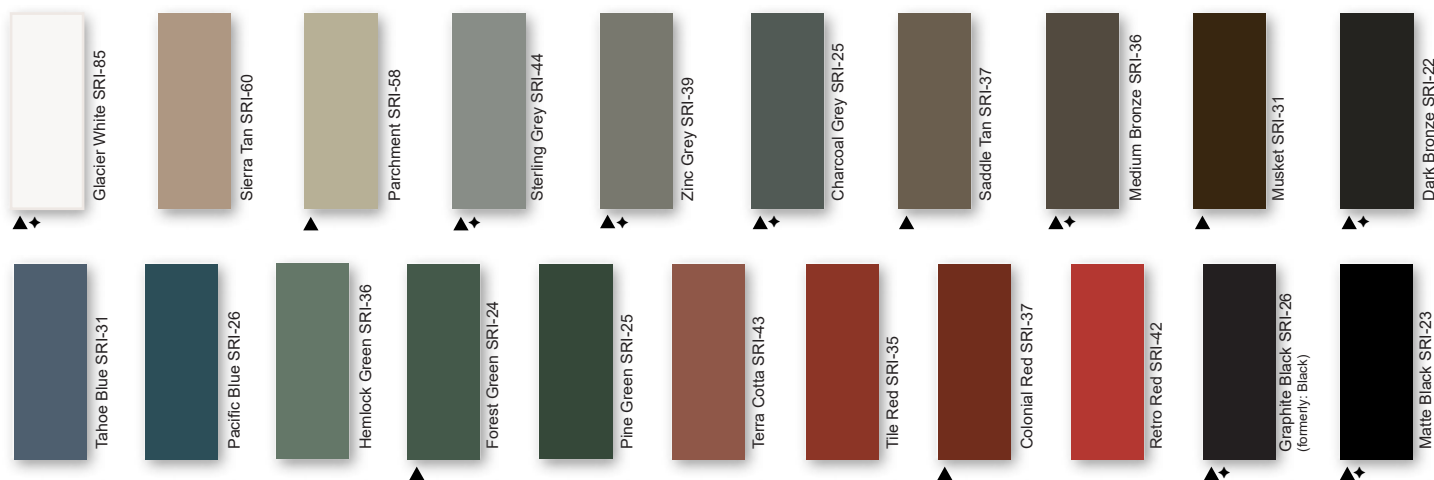
- Limited Lifetime residential paint warranty
- 40 year commercial paint warranty
- 21 Standard Colors, 5 Metallic Colors and 4 Specialized Colors
- Kynar 500® (PVDF) Paint System - the ultimate in exterior durability and color retention
- "Cool" color pigments are specially designed to reflect infrared light, reducing heat gain to dwelling, and conform with ENERGY STAR® criteria
- Superior quality, two coat, 70% resin finish, applied at a 1 mil. thickness
- "Oil Canning" is an inherent characteristic of roof and wall products, and not a defect, which is not a cause for panel rejection



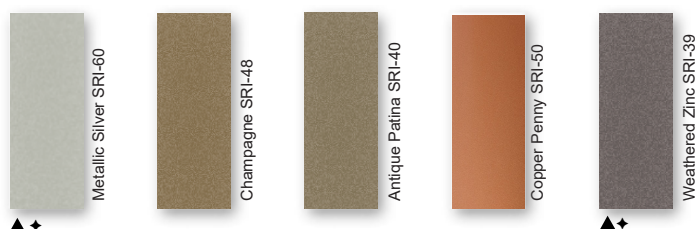
STANDARD COOL KYNAR 500® COLORS

▲ 22 Tru-Gauge™

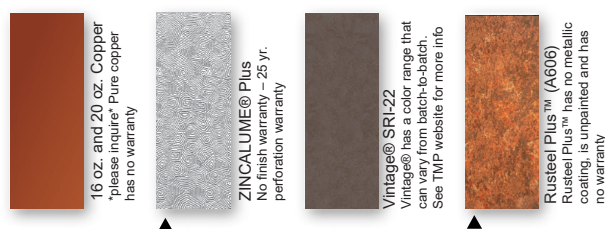
◆.032" Aluminum



PREMIUM METALLIC COOL KYNAR® COLORS



SPECIALIZED MATERIAL



These printed chips provide a close representation of the colors.

Metal samples are available upon request. Coatings are low gloss 10-15% sheen. SRI = Solar Reflectance Index. SRI values listed above are in accordance with ASTM E 1980 and are based on actual testing.***Oil canning is not a cause for material rejection***



Rev. Date 09-26