

## KYNAR 500<sup>®</sup>FSF<sup>®</sup>

### Commercial metal roofing Summit Seed Case Study

#### **PVDF-BASED COATINGS**

Summit Seed inc. Case Study in Manteno, Illinios, USA



# SUMMARY

# CASE STUDY

## PROJECT

Summit Seed, Inc. Manteno, Illinois

## Owner

Ron Edwards

## DESIGNER AND BUIDLER

FBI Buildings, Remington, IN

## SIZE OF THE ROOF

17,250 sq. ft.

## COATING APPLICATOR AETAL SUPPLIER

McElroy Metal, Bossier City, LA

## COATING SUPPLIER

Valspar (Fluropon®)

## INTRODUCTION

Metal has rapidly become the material of choice for commercial roofing and buildings. Metal is durable, saves energy, is fire resistant, increases real estate value, and holds its beauty far longer than other roofing and building materials. Metal must still be protected from weathering by a coating that will keep the appearance looking rich and vibrant for many years. Premier metal finishes with KYNAR 500® PVDF resin from Arkema Inc. Since 1965, KYNAR 500® resin-based metal coatings have provided billions of square feet of protection against weathering, aging, and pollution on commercial, industrial, institutional, and residential buildings.

### Residential metal roofing based on Kynar 500® PVDF resin

KYNAR 500® PVDF is a fluoropolymer (polyvinylidene fluoride) used by leading coating formulators as the basic vehicle in producing premium finishes for aluminum and galvanized steel. The material, based on KYNAR 500® Fluoropolymer-based coatings, are factory-applied and oven-fused to the properly prepared substrates. These premium finishes exhibit excellent color durability, appearance, flexibility, abrasion and fire resistance. Roofing components may also be post-formed from coil-coated stock into many exciting shapes and sizes such the as standing seam roofing utilized in the projects pictured in this case study.



# SUMMIT SEED CASE STUDY

## SUMMIT SEED, INC.

Summit Seed, Inc, located in Mateno, IL, sells turf grass seed mixtures designed for specific applications including residential lawns, sod producers, golf course, sports turf, and low maintenance turf. This commercial building includes a large warehouse, two-story office area, and large conference rooms. The building was built using McElroy Metal's Max-Rib Ultra panel, featuring a Galvalume substrate coated with a KYNAR 500® resin-based coating. KYNAR 500® PVDF-based coating has been widely used in severe weather areas to reduce snow loading while providing long- term durability and color retention. McElroy Metal of Bossier City, LA supplied the Evergreen and Beige Fluoropon® finish to the 17,270 square feet of metal that was installed by FBI Buildings of Remington, IN.





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