



April 2, 2008

## **CERAM-A-STAR® 1050 LIMITED WARRANTY**

AKZO NOBEL COATINGS INC. ("AKZO NOBEL") extends the following limited warranty to DEALS METAL ("DEALS") concerning sales of CERAM-A-STAR® 1050 by AKZO NOBEL for use in coating coils of metal which will be fabricated by DEALS into commercial, industrial and residential building construction products installed in North and South America.

### **SECTION A: EXACTLY WHICH PRODUCT IS COVERED?**

This limited warranty applies only to goods identified on an AKZO NOBEL Product Data Sheet as CERAM-A-STAR® 1050 which are applied to metal after this document is signed by AKZO NOBEL and DEALS, in accordance with parameters specified on the AKZO NOBEL Product Data Sheet within six months after shipment from Akzo Nobel.

### **SECTION B: HOW WILL THE COVERED CERAM-A-STAR® 1050 WEATHER?**

Although it is recognized by AKZO NOBEL and DEALS that most coatings, including CERAM-A-STAR® 1050, will fade and change appearance to some degree over a period of time in outdoor installations, and that such changes may not be uniform between surfaces not equally exposed, AKZO NOBEL warrants that the CERAM-A-STAR® 1050 covered by this warranty will conform to the performance standards listed below. Items #1 through #3 below apply to metal buildings and similar structures installed north of the 15<sup>th</sup> parallel in the northern hemisphere, or south of the 15<sup>th</sup> parallel in the southern hemisphere. Only item #1 applies to metal buildings and similar structures installed between these latitudes:

1. For forty (40) years, CERAM-A-STAR® 1050 will not peel, flake or otherwise lose adhesion to an extent that is apparent on ordinary outdoor visual observation. NOTE: Slight crazing or cracking may occur on roll-formed edges or break bends at the time of forming, and is considered as standard—such crazing or cracking shall not constitute a basis for complaint under this limited warranty; and
2. For thirty (30) years, sidewall panels of CERAM-A-STAR® 1050 will not change color more than five (5)  $\Delta E$  (delta E) Hunter units and roof panels will not change more than seven (7)  $\Delta E$  (delta E) Hunter units when measured per ASTM D 2244 on clean surfaces after removing dirt, other surface deposits and chalk per ASTM D 3964; and
3. For thirty (30) years, sidewall panels of CERAM-A-STAR® 1050 will not chalk more than a number eight (8) rating and roof panels will not chalk more than a number six (6) rating when measured per ASTM D 4214, Method A.

### **SECTION C: WHAT IS NOT COVERED BY THIS LIMITED WARRANTY?**

This is an anti-weathering limited warranty and does not apply to other causes of degradation, including;

1. CERAM-A-STAR® 1050 which is applied to other than first quality aluminum, Galvalume® steel, Galfan® steel, or galvanized steel;
2. CERAM-A-STAR® 1050 which is not applied in accordance with good practice in the coil coating industry;
3. CERAM-A-STAR® 1050 which has suffered scratching or abrasion or has been damaged by abrasive or chemical cleaners; has been abused, altered, modified, used in a manner not originally intended, or stored contrary to recommendations of AKZO NOBEL, DEALS, or the coil coater, or contrary to good industry practice, as discussed in "Tool Kit #1: Preventing Job Site Storage Corrosion of Prepainted Building Panels," published by the National Coil Coating Association; has been damaged due to moisture entrapment in coils and/or bundles during transit or storage; has been stored or installed in a way which allows standing water on the coating or in any chemically aggressive environment (containing such substances as fumes, ash, salts, dirt, grease, or high humidity); has been stored or installed in such a way that allows contact with