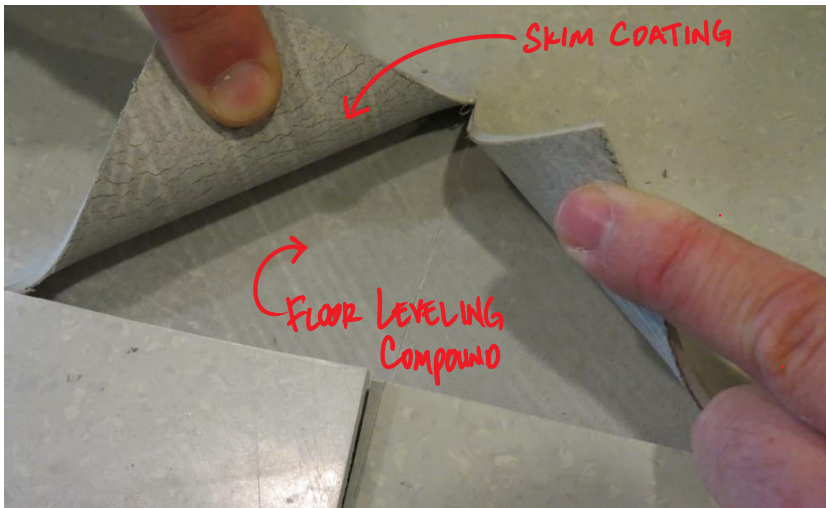




Cement or Calcium aluminate and Gypsum are not compatible...When in contact with each other, a crystal is formed (ettringite), which separates (de-bonds) the two materials when walked on or carts/chairs are rolled on the floor.



When we use a gypsum based floor leveling product, it is important to understand the skim coat product that is being used.

Typically, the skim coat product is cementitious or has calcium aluminate in the product, so the gypsum based floor leveling will need **2-coats of primer**, in order to properly separate the two materials.

This is the ONLY way that these two products will work with one another.

We should always request all the products, including the skim coat product for review.

Note that some products represent themselves as “cementitious” when they are actually more gypsum or similar based products. The only way to find this out is to review the SDS report.

Always request the SDS of any floor preparation product & review.

Submittal Sheet

Levelrock® Floor Underlayment 4500 NXG®



Premium poured underlayment products

- Innovative, self-sealing technology
- Fast application, fast-setting allows for return of light trade traffic within hours
- High compressive strength—stands up to commercial and institutional use
- Ideal for renovating concrete subfloors—can be applied at various thicknesses
- Smooth, crack-resistant surface
- Meets the criteria of ASTM E136-04 for use in all types of noncombustible construction
- Applied by USG LEVELROCK authorized applicators

Description

LEVELROCK® 4500 NXG® floor underlayment is a cementitious underlayment designed by USG for interior use in commercial, institutional and rehab construction. It provides a smooth, hard underlayment surface over concrete slabs, pre-stressed concrete and concrete planks at thicknesses from featheredge (with proper sand) to 2 in. Suitable for a variety of floor coverings, LEVELROCK 4500 NXG floor underlayment exceeds commercial vinyl floor-covering requirements as a high-performance underlayment with compressive strengths of up to 5500 psi.

No MENTION OF Gypsum or Gypsum based Product!

Chemical name

Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1)

CAS number

26499-65-0

%

> 90

Portland Cement

65997-15-1

< 10

If you have any questions or would like a second opinion...please contact your Quality Department to review the products.

