

A modern living room with large windows, a dining table, and a sofa. The floor is covered in light-colored, patterned tiles. A semi-transparent white banner is overlaid on the image, containing the main text.

# **Congoleum New UnderFlor-Brand Adhesives: CC020 and CR021**

**November 2021**

**Two new adhesives, replacing and consolidating existing adhesives, branded as UnderFlor<sup>®</sup> and suitable for use with Congoleum<sup>®</sup> and other flooring.**

## **CC020 Commercial Adhesive, replacing AD62**

- **improved adhesive technology**
- **higher moisture resistance**

## **CR021 Residential Adhesive**

- **replacing and consolidating DS100, AD32 and AS01**
- **multiple sizes and updated technology**

**Fulfillment of the new adhesives will start in approximately Dec. 2021 as existing sku's are depleted.**

## **CC020 (zero two zero) Commercial Adhesive**

- **an aggressive, transitional pressure-sensitive hybrid acrylic adhesive**
- **develops a hard-set permanent bond for commercial applications**
- **can also develop a releasable bond by allowing open time**
- **formulated to provide extended working time, develop strength quickly, and perform well under rolling loads with excellent moisture resistance**
- **applies in a similar fashion to existing AD62**

**Approved for use with:**

- **Cleo<sup>®</sup> Contract**
- **Structure**
- **ArmorCore<sup>®</sup> Plank**
- **Endurance**
- **Triversa Prime<sup>®</sup>**
- **ArmorCore<sup>®</sup> Plank Pro**
- **similar products  
from other manufacturers**

**Acceptable Substrate Conditions:**

- **RH:  $\leq$  99% [ASTM F2170]**
- **pH: 5-12**
- **MVER:  $\leq$  12 lbs [ASTM F1869]**
  
- **Tracer: red hexagon**
- **Available Size: 4-gal**

**CC020 will replace existing AD62 as the Congoleum recommended adhesive for commercial applications. Once AD62 inventory is depleted, it will not be replaced.**

## CC020 Installation Notes

- applies in a similar fashion to existing AD62
- Pre-cut intricate tiles and planks prior to spreading adhesive. It's easier and cleaner to make an accurate cut without having wet adhesive on the floor.
- Spread only enough adhesive that can be covered within the working time, especially in high traffic areas. Setting flooring into wet adhesive will achieve 100% transfer and create the strongest bond.
- Scrape up any exposed adhesive that has cured prior to flooring installation. Bands of dried adhesive (when using the wet-set method) can telegraph through the flooring.
- Set tiles and planks tightly when installing. Do not slide them as this can cause adhesive to ooze up through the joints.
- Never kneel or place heavy objects on the freshly installed flooring. The weight can displace wet adhesive below and cause indents.
- Tech Data sheet with application notes enclosed in same download as this presentation

# UNDERflor®

**HARD-SET ADHESIVE**

# CCO20

**FOR RESILIENT FLOORING PLANK & TILE**

**PARA PISOS Y TEJAS RESILIENTES /  
POUR REVÊTEMENTS DE SOL DE PLANCHETTES OU DE CARREAUX SOUPLES**

- **COMMERCIAL RATED**  
CLASIFICACIÓN COMERCIAL  
DE QUALITÉ COMMERCIALE
- **HANDLES HEAVY LOADS**  
MANEJA CARGAS PESADAS  
RÉSISTE À DE LOURDES CHARGES
- **TRANSITIONAL PRESSURE SENSITIVE**  
SENSIBLE A LA PRESIÓN DE TRANSICIÓN  
SENSIBLE À LA PRESSION DE TRANSITION
- **WITHSTANDS UP TO 99% RH**  
SOPORTA HUMEDAD RELATIVA DE HASTA EL 99%  
RÉSISTANT JUSQU'À 99 % HR

**4.0 U.S. GAL. (15.1 L) / 4.0 GALONES ESTADOUNIDENSES (15,1 LITROS) / 4,0 GAL US (15,1 L)**

## CR021 (zero two one) Residential Adhesive

- **an acrylic pressure-sensitive adhesive with high shear properties**
- **resists shrinkage and has excellent moisture tolerance**
- **up to 4 hours of working time**
- **low VOC**
- **dries quickly, with aggressive tack**
- **consolidates 3 existing adhesives into 1, with significantly better shear strength**

## Approved for use with:

- Cleo<sup>®</sup> Home
- DuraCeramic<sup>®</sup>
- Structure
- Endurance
- ArmorCore Plank
- all AirStep<sup>™</sup> products
- ArmorCore<sup>®</sup> Pro and Pro UR
- similar products

from other manufacturers

CR021 will replace existing DS100, AD32 and AS01 adhesives, starting in December 2021. Once inventory of these existing adhesives is depleted, it will not be replaced.

## Acceptable Substrate Conditions:

### LV Tile/Plank

- RH: ≤ 99% [ASTM F2170]
- pH: ≤ 12
- MVER: ≤ 15 lbs [ASTM F1869]

### Sheet Vinyl

- RH: ≤ 95% [ASTM F2170]
- pH: ≤ 11
- MVER: ≤ 12 lbs [ASTM F1869]

Tracer: emerald green

Available Sizes: 4 gal, 1 gal, quart  
(trowel adaptor included in 1-  
and 4-gal sizes)

## CR021 Installation Notes

- **Select the appropriately notched trowel (see the “Approximate Coverage” chart) and spread the adhesive evenly over the subfloor, keeping the trowel at a 45-degree angle.**
- **On nonporous substrates, allow the adhesive to remain open until trowel valleys are clear.**
- **On porous substrates, flooring can be installed into wet-tacky adhesive.**
- **Protect the open adhesive from dust and debris, which will inhibit proper bond and decrease tack.**
- **Once installed, immediately roll the flooring using a 100-lb. (45,4-kg) roller.**
- **Tech Data sheet with application notes enclosed in same download as this presentation**
  
- **NOTE: For sheet vinyl installations it is recommended to back roll troweled adhesive with an adhesive saturated ¼” nap paint roller.**



**Documentation on these new adhesives will be posted on  
[www.congoleum.com](http://www.congoleum.com) by Nov. 29.**

**Thank You**