

Hankaustakestävä komposiittipinnoite elintarvikekohteisiin. **ARC MX FG** on lastallalevitettävä, keraamivahvisteinen hankauskomposiitti. Se sisältää 100% kiintoainetta ja 0% VOC ainesosia. Tuote on suunniteltu kuivalle- ja märällehankausasitukselle. Se on 21 CFR 175.300 mukainen ja soveltuu suoraan kontaktiin elintarvikkeiden kanssa.

ARC MX FG on suunniteltu: - Korvaamaan kumitus ja keraamiset laatat

-Suojaamaan metallipintoja hankauskulukselta

-Korjaamaan hankauksen aiheuttamia vaurioita

Käyttökohteet

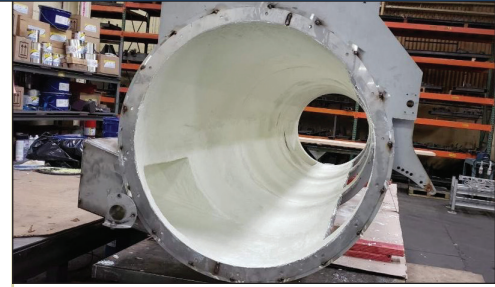
- Syklonit
- Venttiili
- Syöttimet
- Siirtoruuvit
- Kulutuslevyt
- Pumput
- Sekoittajat
- Puhdistuskartiot
- Putket ja käyrät
- Jauhimet

Pakkaus ja peittokyky

Laskennallinen 3 mm kalvonpaksuudella

- 1,5 litraa = 0,5m²
- 5 litraa = 1,67m²
- 16 litraa = 5,34m²

910DONRLH1



Features and Benefits

- **Tough, ceramic reinforced coating resists broad range of slurries**
 - Extends life of equipment exposed to fine particle wear
- **Complies to 21 CFR 175.300 for Condition C and less severe exposures for:**
 - Type II – Acidic (pH 5.0 or below), aqueous products; may contain salt or sugar or both, including oil-in-water emulsions of low or high fat content food.
 - Type III – Aqueous, acid or nonacid products containing free oil or fat; may contain salt, and including water-in-oil emulsions of low or high fat content.
 - Type IVA – Dairy products and modifications: Water in oil emulsion, high or low fat.
 - Type IVB – Dairy products and modifications: Oil in water emulsion, high or low fat.
 - Type V – Low moisture fats and oils, Condition C.
 - Type VIII – Dry solid foods.

Tekniset tiedot

Composition	Matrix	A modified epoxy resin reacted with an aliphatic amine curing agent	
	Reinforcement (<i>Proprietary</i>)	Blend of medium and fine particle size, high purity Al ₂ O ₃ ceramic beads and powders, pretreated with polymeric coupling agent	
Cured Density		2.48 g/cc	155 lb/ cu.ft.
Compressive Strength	(ASTM D 695)	752 kg/cm ² (73.7 Mpa)	10700 psi
Flexural Strength	(ASTM D 790)	457 kg/cm ² (44.8 Mpa)	6500 psi
Pull-Off Adhesion	(ASTM D 4541)	>211 kg/cm ² (>20.7 Mpa)	>3000 psi
Tensile Strength	(ASTM D 638)	147.6 kg/cm ² (14.5 Mpa)	2100 psi
Impact Resistance (Reverse)	(ASTM D 2794)	4.52 N-m	40 in-lbs.
Slurry Abrasion Resistance	(ASTM G75)	2909	
Shore D Durometer Hardness	(ASTM D 2240)	85	
Vertical Sag Resistance at 21°C (70°F)	(ASTM D 4400)	12.7 mm	
Maximum Temperature (Dependent on service)	Wet Service Dry Service	65°C 130°C	149°F 266°F
Shelf life (unopened containers)	2 years [stored between 10°C (50°F) and 32°C (90°F) in dry, covered facility]		