

ColorFlex Hardener 23-470

PRODUCT DATA



MASTER
TERRAZZO
TECHNOLOGIES

DESCRIPTION

ColorFlex Hardener 23-470 is a 100% solids, flexible, epoxy joint filler designed to protect saw-cut joints of on grade concrete slabs and to repair damaged joints. It absorbs the impact and shock of heavy loads, prevents erosion of control joint edges.

MIXING

Mix ratio is 1-part Morricite Epoxy Martix to 1-part Morricite **ColorFlex Hardener 23-470** using a low speed mixer thoroughly for two to three minutes to avoid entraining excessive air.

APPLICATION

- Ensure adequate ventilation during installation per current applicable codes.
- **ColorFlex** should be installed only by personnel experienced in Terrazzo, caulking or structural repair installations.
- Stir resin and hardener separately prior to mixing.
- Mix **one** part resin to **one** part hardener together and stir thoroughly for two to three minutes. Do not over mix. Only mix as much as can be poured in 20 minutes.

SURFACE PREPARATION

- Surface and air temperatures must be at least 55° F (12°C) during installation and initial cure.
- Joints and cracks should be checked for soundness. Mechanically prepare surfaces to remove all laitance, sealers, contamination or loose or hollow areas. Prepared areas can be patched with MorriFill if required.
- Test concrete substrates according to ASTM F2170 (Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes). Do not install Terrazzo or Terrazzo accessories until test results are 80% or less RH. If 80% RH is not met, consult MTT for additional drying or negative side moisture mitigation methods.
- Dewpoint at time of installation must be at least 5°F less than the slab and air temperature.
- For new concrete installations, allow adequate concrete cure (minimum of 60 days) enabling the majority of concrete shrinkage to occur before installing **ColorFlex**.

SAFETY

For industrial and professional use ONLY.

For detailed safety guidelines, please refer to the product Safety Data Sheet (SDS).

TYPICAL PHYSICAL PROPERTIES

Mix Ratio A:B	1:1 by Volume
Color:	pigmented
Working Time:	20 to 30 minutes (depend on temperature)
Cure Time:	within 24 hours
Tensile strength psi:	> 550
%Tensile Elongation, ASTM D 638	85-100
Tear Resistance, ASTM D-624-73	30lb/in.

WARRANTY INFORMATION

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