

# FDNP.MH17445 - Drinking Water System Components

## Drinking Water System Components

[See General Information for Drinking Water System Components](#)

### C I M INDUSTRIES INC

23 ELM ST

PETERBOROUGH, NH 03458-1011 USA

MH17445

### NSF/ANSI 61 Barrier Materials

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
CIM 1000 Trowel Grade(a)(d)(e)(n)(p)(q)(r)(s)	23	Polyurethane	21.3 sq cm/L
CIM 1000 Trowel Grade(b)(d)(e)(n)(p)(q)(r)(s)	82	Polyurethane	1.8 sq cm/L
CIM 1000 Trowel Grade(e)(g)(d)(h)(n)(p)(r)(s)	23	Polyurethane	13.5 sq cm/L
CIM 1061(a)(c)(e)(n)(p)(q)(r)(s)	23	Polyurethane	21.3 sq cm/L
CIM 1061(b)(c)(e)(n)(p)(q)(r)(s)	82	Polyurethane	1.8 sq cm/L
CIM 1061(e)(g)(c)(h)(n)(p)(r)(s)	23	Polyurethane	13.5 sq cm/L
CIM 2000 Trowel Grade (e)(h)(i)(l)(n)(p)(r)(s)	23	Polyurethane	11.0 sq cm/L
CIM 2000(e)(h)(i)(j)(n)(p)(r)(s)	23	Polyurethane	11.0 sq cm/L
CIM 61TN (k)	23	Epoxy	40 sq cm/L
CIM 61TN RC (m)	23	Epoxy	40 sq cm/L

### Joining and Sealing Materials

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
CIM 1000 Trowel Grade(d)(f)(n)(o)(r)(s)	23	Polyurethane	21.3 sq cm/L
CIM 1061(c)(f)(n)(o)(r)(s)	23	Polyurethane	21.3 sq cm/L

(a) - Maximum surface area to volume ratio of 21.3 sq cm/L for tanks greater than 5,000 gal.

(b) - Maximum surface area to volume ratio of 1.8 sq cm/L for tanks greater than 8.5 million gal.

(c) - CIM 1061 consists of CIM 1061 premix and CIM 1061 activator mixed in a 35.7 to 5.7 ratio by weight.

(d) - CIM 1000 Trowel Grade consists of CIM 1000TG premix and CIM 1000TG activator mixed in a 31.9 to 5.2 ratio by weight.

(e) - Also Classified is CIM Bonding Agent or CIM VOC Exempt Bonding Agent as an optional primer (minimum coverage rate of 300 ft<sup>2</sup>/gal with a minimum drying time of 30 minutes).

(f) - Maximum surface area to volume ratio of 21.3 sq cm/L for use up to 10% of 10 gal. tanks or greater.

(g) - Maximum surface area to volume ratio of 13.5 sq cm/L for tanks greater than 20,000 gal.

(h) - The following use restrictions apply: Number of coats: as many as needed to reach the Maximum Field Use Dry Film Thickness of 80 mils, Minimum Cure Temperature: 60 F, Re-coat/cure time: 3 hours/1 week

(i) - Maximum surface area to volume ratio of 11.0 sq cm/L for tanks greater than 40,000 gal.

(j) - CIM 2000 consists of CIM 2000 premix and CIM 2000 activator mixed in a 33.91 to 6.17 ratio by weight.

(k) - For use with tanks greater than or equal to 1,000 gallons, not exceeding a surface area to volume ratio of 40 cm<sup>2</sup>/L, only when Part A is mixed with Part B in a 1:1 parts by volume ratio. Maximum Field Use Dry Film Thickness (mils) = 6 per coat (18 total); Thinner = 10% K-1034 Reducer by Volume; Minimum Re-coat Time = 1 Day @ 70°F ; Final Cure Time/temp prior to water immersion = 7 Days @ 70°F (temperature dependent); Number of coats: 3; Application Method = airless spray; Colors = Aqua White, Gray, Red, or Tan. Note - see manufacturer's instructions for additional product use information. This product was tested without a primer or an additional topcoat. It is recommended that any primer or topcoat used should be certified to NSF/ANSI by an ANSI accredited certifier.

(l) - CIM 2000 consists of CIM 2000TG premix and CIM 2000TG activator mixed in a 5 to 1 ratio.

(m) - This product was tested without a primer or an additional topcoat. It is recommended that any primer or topcoat used should be certified to ANSI/NSF Standard 61 by an ANSI accredited certifier. Additional Notes and Restrictions - Mix Ratio is 1:1 (A:B) by Volume, Number of Coats: 3, Maximum Field Use Dry Film Thickness (in mils): 6 per coat (18 total), Maximum Thinner: 10% K-1034 Reducer by Volume, Minimum Tank Size: 1000 gal, Minimum Re-Coat Cure Time/Temp: 1 Day @ 50°F, Minimum Final Cure Time/Temp: 7 Days @ 50°F (temperature dependent), see manufacturer's use instructions for additional information.

(n) - Before placing into service, decontaminate following AWWA Standard C652 or equivalent.

(o) - Also Classified is CIM Bonding Agent as an optional primer (minimum coverage rate of 300 ft<sup>2</sup>/gal with a minimum drying time of 30 minutes). The following use instructions apply: Minimum cure temperature: 60 F - Minimum cure time: 2 weeks

(p) - The coating is approved to be used over Scrim which is a polyester material which is typically applied over the crack before the coating is applied.

(q) - The following use restrictions apply: Number of coats: as many as needed to reach the Maximum Field Use Dry Film Thickness of 60 mils, Minimum Cure Temperature: 60 F, Re-coat/cure time: 3 hours/2 weeks.

(r) - Do not use thinner.

(s) - Application Method: Use a squeegee, brush, roller, trowel or an air-assisted-airless spray gun

NOTE - These products were tested without a primer or additional topcoat. It is recommended that any primer or topcoat used should be certified to ANSI/NSF Standard 61 by an ANSI accredited certifier.

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