

ENVIROTROL®

ENERGY EFFICIENT CURING SYSTEM



 **AMCON**
CONCRETE PRODUCTS®

A TCC MATERIALS® COMPANY

ENVIROTROL®

Amcon® Envirotrol® Curing System incorporates numerous cycles of high temperature steam and carbon dioxide (CO²) to aggressively accelerate the hydration process. The incorporation of CO² into the curing process assists in the carbonation of the units. Carbonation can also cause the units to shrink. Fully carbonating CMU's in a controlled setting before they are placed in a wall will minimize or eliminate shrinkage cracks. The Envirotrol system controls the temperature, humidity, and carbon dioxide until the hydration and carbonation processes are functionally complete. The results are architectural units that are dry, color consistent, resistant to carbonation shrinkage, and have a greatly reduced efflorescence potential when compared to conventionally cured CMU's.

- Controlled curing system aggressively accelerates the hydration process
- Minimizes or eliminates shrinkage cracks, improves color consistency, and reduces efflorescence issues
- Curing includes numerous cycles of high temperature, steam, and carbon dioxide (CO²)
- High-temperature drying system provides equivalent of 28-day-cure in 24 hours
- All units cured using the Envirotrol curing process meet or exceed ASTM C90
- Manufactured with normal weight aggregates meeting ASTM C33

Performance	Masonry units shall conform to: ASTM C-90
Weight	Manufactured with normal weight aggregate meeting ASTM C-33
Curing	CMU's shall be cured utilizing the CO ² EnviroTrol System with the incorporation of CO ² and steam in the curing process, AND a minimum 7 hour drying cycle that maintains a uniform minimum temperature of 190°F.



LOCATIONS

AMCON • ST. CLOUD
2211 Highway 10 South
St. Cloud, MN 56304
320.251.6030

AMCON • ST. JOSEPH
8644 Ridgewood Road
St. Joseph, MN 56374
320.363.0905

AMCON • SIOUX FALLS
101 Industrial Road
Harrisburg, SD 57032
605.330.8481

TCC BLOCK • RAPID CITY
3292 Lien Street
Rapid City, SD 57702
605.342.6070

AMCON • MEDFORD
2173 NW 76th Street
Medford, MN 55049
507.451.7278

AMCON • ANNANDALE
12052 Highway 24
Annandale, MN 55302
320.274.5587



Available at select Amcon locations. For more information, contact your Amcon sales representative.