

Thortex Chemical Protection Systems

Thortex Chemical Protection Systems

- ★ Excellent adhesion to metal & mineral surfaces
- ★ Protection against the harshest chemicals
- ★ Excellent impact & abrasion resistance
- ★ Water-based & solvent-free coatings
- ★ Ideal for use in immersed conditions



The Thortex Chemical Protection Systems are ideal for:

- ★ Containment Areas
- ★ Chemical Tanks
- ★ Baghouses & Scrubbers
- ★ Chemical Trenches
- ★ Pharmaceutical
- ★ Concrete
- ★ Wastewater Treatment Plants

Call your **Thortex** sales representative today to find out which of the **Thortex Chemical Protection Systems** products are right for your repair and protection needs.

Thortex Chemical Protection Systems offer an **EXTENSIVE RANGE OF SYSTEMS**. Their **ADVANCED POLYMER TECHNOLOGY** and **AWARD WINNING TECHNOLOGIES** offer **LONG-TERM PROTECTION** for your equipment and facilities.



Thortex America, Inc.

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800.578.2772 • 610.831.1910 (fax)
www.thortex.com

Thortex Chemical Protection Systems

Chemi-Tech EP

Drying/Cure Times @ 68°F:

Usable Life 45 min **Touch Dry** 6 hrs **Full Cure** 7 days
Min Overcoat 6 hrs **Max Overcoat** 3 days

Abrasion Resistance 40 mgm weight loss per 1000 cycles -
ASTM D4060 1kg load - CS17 wheel

Impact Resistance ASTM G14 23 in lbs

Dry Heat Resistance ASTM D2485 250°F

Direct Pull Adhesion 900 psi - steel
ASTM D4541 500 psi - concrete (concrete failure)

Water Vapor Permeability 4.6 x 10⁻⁶ perm. cm
ASTM D1653

Salt Fog Resistance Excellent, unaffected after 10,000
ASTM B117 hours exposure

Humidity Resistance Unaffected after 5,000 hrs exposure
BS 3900 Part F2

Chemi-Tech 152 LV

Drying/Cure Times @ 68°F:

Usable Life 50 min **Touch Dry** 12 hrs **Hard Dry** 16 hrs
Full Cure 7 days **Min Overcoat** 16 hrs **Max Overcoat** 2 days

Abrasion Resistance 40 mgm weight loss per 1000 cycles
ASTM D4060 - 1 kg load - CS17 wheel

Impact Resistance ASTM G14 23 in lbs

Dry Heat Resistance ASTM D2485 212°F

Direct Pull Adhesion ASTM D4541 2916 psi steel

Water Vapor Permeability 3.75 x 10⁻⁶ perm.cm
ASTM D1653

Salt Fog Resistance Excellent, unaffected after 10,000
ASTM B117 hours exposure

Scrub Resistance >10,000 cycles

Humidity Resistance Unaffected after 5,000 hrs exposure
BS 3900 Part F2

Chemi-Tech CR

Drying/Cure Times @ 68°F:

Usable Life 45 mins **Touch Dry** 3-4 Hrs **Full Cure** 7 days
Min Overcoat 3-4 hrs **Max Overcoat** 48 hrs

Abrasion Resistance 60 mgm loss per 1000 cycles - 1kg load
ASTM D4060 CS17 wheel

Impact Resistance ASTM G14 23 in lbs

Dry Heat Resistance ASTM D248 212°F

Water Vapor Permeability ASTM D1653 3.75 x 10⁻⁶ perm. cm

Salt Fog Resistance Excellent, unaffected after 10,000
ASTM B117 hours exposure

Humidity Resistance Unaffected after 5,000 hrs exposure

BS 3900 Part F2

Direct Pull Adhesion ASTM D4541 1400 psi

Chemi-Tech USR

Drying/Cure Times @ 68°F:

Usable Life 20 mins **Full Cure** 7 days

Abrasion Resistance 60 mgm loss per 1000 cycles - 1kg load
ASTM D4060 CS17 wheel

Impact Resistance ASTM G14 19.5 in lbs

Dry Heat Resistance ASTM D248 350°F

Water Vapor Permeability ASTM D1653 4.69x10⁻⁶ perm.cm

Salt Fog Resistance Excellent, unaffected after 10,000
ASTM B117 hours exposure

Humidity Resistance Unaffected after 5,000 hrs exposure

BS 3900 Part F2

Chemi-Tech UC

Drying/Cure Times @ 68°F:

Usable Life 30 min **Initial Set** 4.5 hrs **Full Cure** 7 days
Min Overcoat 4.5 hrs **Max Overcoat** 24 hrs

Abrasion Resistance 60 mgm weight loss per 1000 cycles
ASTM D4060 - 1 kg load - CS17 wheel

Impact Resistance ASTM G14 19.5 in lbs

Dry Heat Resistance ASTM D2485 350°F

Water Vapor Permeability ASTM D1653 4.69 x 10⁻⁶ perm.cm

Salt Fog Resistance Excellent, unaffected after 10,000 hours
ASTM B117 exposure

Humidity Resistance Unaffected after 5,000 hrs exposure
BS 3900 Part F2

Chemical Resistance

The entire Thortex Chemical Protection line possesses outstanding resistance to a wide variety of substances. Check with your Thortex Sales Representative to find out which products are right for your repair / protection projects.

For complete technical information about a specific Thortex Chemical Protection product, please refer to the individual Tech Data Sheets available at www.thortex.com or call 800.578.2772.

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