



**Grout, mortar and concrete**  
Overview of technical data sheets

DIVISION  
**3**



## Industrial Products



**Your Partners in Quality**





For more than 60 years, Daubois Products Inc. has been involved in premixed concrete and mortar. Our experience in the field of masonry has allowed the company to become the leader in Quebec for everything related to the installation, strengthening and restoration of masonry elements on major jobsites.

Through its Construction Division, Daubois Products Inc. provides its expertise to various actors in construction projects as well as the repair of concrete structures. In collaboration with Target Products Ltd., its sister company in Western Canada, Daubois Products Inc. brings together expertise having worked on projects and construction sites throughout North America.

Daubois Products Inc. offers a variety of specialized construction products meeting distinct technical specifications for each projects. From self-consolidating concrete to post-tensioning grouts, as well as structural concrete for emergency repairs, Daubois Products Inc. is proud to be your partner in your construction projects.



**Target products is available Coast to Coast in Canada**

## Structural and Anchoring Grout

### Target® 1110 Non-Shrink Structural Grout (PEG) Target® 11103 High Early Strength Expanding Grout (PEG-HE)

- Expanding structural grout (columns, base plates, machinery and bearing pads)
- Optimum load transfer
- Structural repair concrete
- Below, above or at ground level
- Indoor and outdoor

#### Characteristics (PEG)

Flow: 20 - 30 seconds

$f'c$  @ 24 hours: 9.7 MPa (1410 Psi)

$f'c$  @ 28 days: 48.8 MPa (7080 Psi)

Curing: 24 hours

#### Characteristics (PEG-HE)

Flow: 25 - 35 seconds

$f'c$  @ 24 hours: 26.0 MPa (3770 Psi)

$f'c$  @ 28 days: 45.0 MPa (6530 Psi)

Maximum thickness: 150 mm (6 inches)

Curing: 24 hours



Included in the list of materials  
approved by the MTQ

- General purpose grout and anchoring grout

### Target® 1125 Fondu Expanding Grout (FEG) Cold Weather

- Grout for low temperature work
- Permanently anchoring for highway furnishings, such as posts, signs and parking meters
- Permanently fixing anchor bolts, columns, railing and other fixtures in concrete, rock or masonry

#### Characteristics (FEG)

Flow: 20 - 30 seconds

Rheological stability: Without bleeding and without segregation

$f'c$  @ 24 hours: 18.6 MPa (2700 Psi)

Maximum thickness: 75 mm (3 inches)

Typical results at temperatures between -10 °C and 3 °C (14 °F and 37 °F) - Preconditioned mixing water at 50 °C (122 °F)



### Target® 1117 Anchor Grout

- Soil tie back anchor grouting
- Grouting of fissures and cracks in rocks
- Anchor bolt grouting
- Thixotropic / Inhibits washout
- High early strength

#### Characteristics

Flow: 20 - 30 seconds

Rheological stability: Without bleeding and without segregation

$f'c$  @ 24 hours: 31.7 MPa (4600 Psi) -  $f'c$  @ 28 days: 82.7 MPa (12000 Psi)

Maximum thickness: 50 mm (2 inches)



Included in the list of materials  
approved by the MTQ

- General purpose grout and anchoring grout

### Target® 1118 Unsanded Silica Fume Grout

- Expanding grout for rock anchoring
- Grouting of fissures and cracks in rocks
- Fluid phase expansion
- Post-tensioning grout

#### Characteristics

Flow: 20 - 30 seconds

Rheological stability: Without bleeding and without segregation

$f'c$  @ 28 days: 60.0 MPa (8700 Psi)

Maximum thickness: 50 mm (2 inches)



## Structural and Anchoring Grout (ctnd)

### Target® 1106 Machine Base Grout

- Under heavy machinery which transmits high stress to the grout, including milling machines and printing presses
- Base plates of equipment with dynamic loading
- Column base plates
- General machine base grouting
- Grout resistant to mild or moderate concentrations of many industrial chemicals (available with sulphate-resistant cement)
- Installing anchor bolts or tie rods

#### Characteristics

Flow: 20 - 50 seconds

Rheological stability: Without bleeding and without segregation

$f'c$  @ 24 hours: 18.6 MPa (2700 Psi) -  $f'c$  @ 28 days: 64.5 MPa (9350 Psi)

Curing: 72 hours



Included in the list of materials approved by the MTQ

- General purpose grout and anchoring grout

## Post-Tensioning Grout

### Target® 1121 Cable Duct Grout

- Vertical and horizontal post-tensioning grout
- Protection of ducts and tension bars
- Optimum filling
- Extended working time
- Non-shrink grout

#### Characteristics

Flow: 9 - 30 seconds

Rheological stability: Without bleeding and without segregation

$f'c$  @ 28 days: > 84.1 MPa > (12200 Psi)

Maximum thickness: 50 mm (2 inches)



Included in the list of materials approved by the MTQ / MTO

- Post-tensioning grout

## Mortar

### Daubois™ Fortatop Thixotropic Mortar type R

- Structural repair
- Vertical and overhead applications (thixotropic)
- Includes microfibers
- Corrosion inhibitor

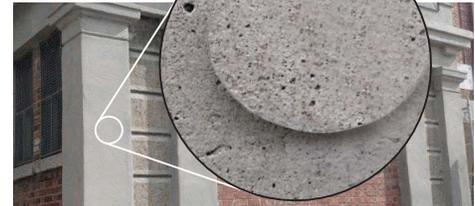
#### Characteristics

$f'c$  @ 24 hours: 22.0 MPa (3910 Psi) -  $f'c$  @ 28 days: 45.0 MPa (6530 Psi)

Maximum thickness: 50 mm (2 inches) per layer

Curing: 24 hours

Durability: Excellent



Included in the list of materials approved by the MTQ

- Type R repair mortar

### Target® 1177 Traffic Patch® Fine Rapid Setting Fiber-reinforced Patching Mortar

- Structural repairs (bridges, roads, columns, beams)
- Emergency repair - Return to normal service quickly
- Ideal for low temperature
- For Horizontal Repairs

#### Characteristics (TPF)

Slump: 90 - 100 mm

Air content: 4.0 - 9.0 %

$f'c$  @ 1 hour (after initial set): 14.8 MPa (2150 Psi)

$f'c$  @ 3 hours: 20.7 MPa (3000 Psi) ;  $f'c$  @ 24 hours: 34.5 MPa (5000 Psi)

$f'c$  @ 28 days: 51.7 MPa (7500 Psi)

Minimum thickness: 12 mm (1/2 inch)

Curing: 24 hours (recommended)

Durability: Excellent



## Structural concrete / Repair

### Target® 1124 Flowcrete FS High Fluidity Concrete

- Structural concrete repair
- Flowable concrete
- Little to no external vibration needed

#### Characteristics

Slump: 180 - 220 mm  
 Air content: 6.0 - 9.0 %  
 $f'c$  @ 24 hours: 16.0 MPa (2320 Psi);  $f'c$  @ 28 days: 45.0 MPa (6530 Psi)  
 Minimum thickness: 25 mm (1 inch)  
 Curing: 72 hours  
 Durability: Excellent



*Included in the materials list  
 tested by the MTQ  
 - Pre-mixed concrete in bags*

### Target® Flowcrete FS SCC Self-Consolidating Concrete

- Concrete structural repair (bridges, tunnels, dams, highways, slabs on ground)
- Meets performance criteria for exposure class C-XL
- Open or closed formwork

#### Characteristics

Slump Flow: 600 - 700 mm  
 Air content: 6.0 - 9.0 %  
 Rheological stability: Without bleeding and without segregation  
 $f'c$  @ 28 days: 45.0 MPa (6530 Psi)  
 Minimum thickness: 25 mm (1 inch)  
 Curing: 72 hours  
 Durability: Excellent



*Included in the list of materials  
 approved by the MTQ  
 - Self-consolidating concrete type XIV-S*

### Target® 1179 Traffic Patch® Coarse Rapid Setting Fiber-reinforced Concrete

- Structural repairs (bridges, roads, columns, beams)
- Emergency repair - Return to normal service within 2 hours

#### Characteristics (TPC)

Slump: 90 - 100 mm  
 Air content: 6.0 - 9.0 %  
 $f'c$  @ 1 hour (after initial set): 14.8 MPa (2,150 Psi)  
 $f'c$  @ 3 hours: 20.7 MPa (3000 Psi) ;  $f'c$  @ 24 hours: 34.5 MPa (5000 Psi)  
 $f'c$  @ 28 days: 51.7 MPa (7500 Psi)  
 Minimum thickness: 12 mm (1/2 inch)  
 Curing: 24 hours (recommended)  
 Durability: Excellent



## Structural concrete / Repair (ctnd)

### Target® Concrete AEA

- Contains an air entraining agent.



#### 25 MPa Characteristics

Slump: 50 - 110 mm  
 Air content: 6.0 - 9.0 %  
 $f'c$  @ 7 days: 20 MPa (2900 Psi)  
 $f'c$  @ 28 days: 25 MPa (3626 Psi)  
 Minimum thickness: 50 mm (2 inches)  
 Curing: 3 to 7 days  
 Durability: Excellent

#### 30 MPa Characteristics

Slump: 50 - 110 mm  
 Air content: 6.0 - 9.0 %  
 $f'c$  @ 7 days : 25 MPa (3626 Psi)  
 $f'c$  @ 28 days : 30 MPa (4351 Psi)  
 Minimum thickness: 50 mm (2 inches)  
 Curing: 3 to 7 days  
 Durability: Excellent

#### 35 MPa Characteristics

Slump: 50 - 110 mm  
 Air content: 6.0 - 9.0 %  
 $f'c$  @ 7 days : 30 MPa (4351 Psi)  
 $f'c$  @ 28 days : 35 MPa (5076 Psi)  
 Minimum thickness: 50 mm (2 inches)  
 Curing: 3 to 7 days  
 Durability: Excellent

### Target® Concrete



#### 25 MPa Characteristics

Slump: 50 - 110 mm  
 $f'c$  @ 7 days: 20 MPa (2900 Psi)  
 $f'c$  @ 28 days: 25 MPa (3626 Psi)  
 Minimum thickness: 50 mm (2 inches)  
 Curing: 3 to 7 days  
 Durability: Excellent

#### 30 MPa Characteristics

Slump: 50 - 110 mm  
 $f'c$  @ 7 days : 25 MPa (3626 Psi)  
 $f'c$  @ 28 days : 30 MPa (4351 Psi)  
 Minimum thickness: 50 mm (2 inches)  
 Curing: 3 to 7 days  
 Durability: Excellent

#### 35 MPa Characteristics

Slump: 50 - 110 mm  
 $f'c$  @ 7 days : 30 MPa (4351 Psi)  
 $f'c$  @ 28 days : 35 MPa (5076 Psi)  
 Minimum thickness: 50 mm (2 inches)  
 Curing: 3 to 7 days  
 Durability: Excellent

### Bomix® Concrete HR-8000 Structural repair concrete

- High strength concrete mix.

#### Characteristics

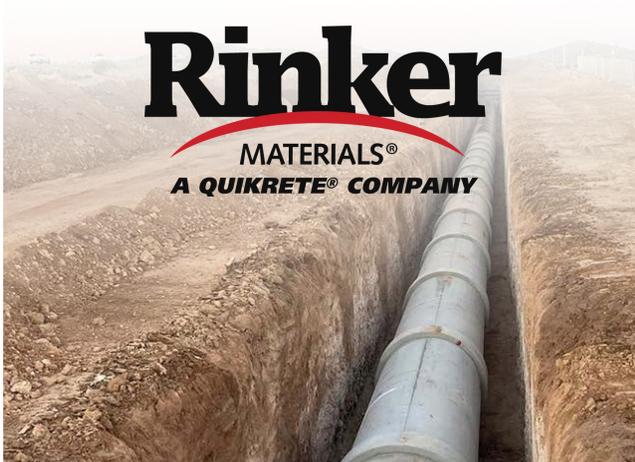
Slump: 50-110 mm  
 $f'c$  @ 24 hours: 31,0 MPa (4500 Psi)  
 $f'c$  @ 7 jours: 48,0 MPa (7000 Psi)  
 $f'c$  @ 28 days: 55,0 MPa (8000 Psi)  
 Minimum thickness: 50 mm (2 inches)  
 Curing: 3 to 7 days  
 Durability: Excellent







On construction sites throughout North America



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