



DURAFORCE GEOTEXTILES

SELECTION GUIDE



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0800 CIRTEX (247 839) | WWW.CIRTEX.CO.NZ



DURAFORCE®
NON WOVEN
NEEDLE PUNCHED
GEOTEXTILE

4	AS240 Filtration Classes 1,2, 3, 4	Strength Class A
5	AS280 Filtration Classes 1,2, 3, 4	Strength Class B
6	AS410 Filtration Classes 1,2, 3, 4	Strength Class C
7	AS440 Filtration Classes 1,2, 3, 4	Strength Class D
8	AS640 Filtration Classes 1,2, 3, 4	Strength Class E

Other grades available to meet specific project requirements, please phone 0800 CIRTEX for further information





DuraFORCE®

GEOTEXTILES

AS240

TRANSIT NZ CLASSES

Strength Class A

Filtration Classes 1, 2, 3, 4

RECOMMENDED USES

- Trench drains, when using D_{85} aggregate $\leq 40\text{mm}$, with a trench depth $\leq 2\text{m}$
- Separation layers and drainage blankets, when using D_{85} aggregate $\leq 40\text{mm}$, and the CBR is ≥ 3



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GEOTEXTILES

AS280

TRANSIT NZ CLASSES

Strength Class B

Filtration Classes 1, 2, 3, 4

RECOMMENDED USES

- Trench drains, when using D_{85} aggregate $\leq 40\text{mm}$, with a trench depth $\leq 3\text{m}$
- Trench drains, when using D_{85} aggregate $\leq 75\text{mm}$, with a trench depth $\leq 2\text{m}$
- Separation layers and drainage blankets, when using D_{85} aggregate $\leq 75\text{mm}$ and CBR is ≥ 3
- Drainage and separation behind retaining walls

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GEOTEXTILES

AS410

TRANSIT NZ CLASSES

Strength Class C

Filtration Classes 1, 2, 3, 4

RECOMMENDED USES

- Trench drains, when using D_{85} aggregate $\leq 75\text{mm}$, with a trench depth $\leq 3\text{m}$
- Trench drains, when using D_{85} aggregate $\leq 200\text{mm}$, with a trench depth $\leq 2\text{m}$
- Separation layers and drainage blankets, when using D_{85} aggregate $\leq 200\text{mm}$, and the CBR is ≥ 3
- Separation layers and drainage blankets, when using D_{85} aggregate $\leq 75\text{mm}$ and the CBR is between 1 and 3
- Drainage and separation behind gabions and rock mattresses
- Drainage and separation behind crib walls



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AS440

TRANSIT NZ CLASSES

Strength Class D

Filtration Classes 1, 2, 3, 4

RECOMMENDED USES

- Trench drains, when using D_{85} aggregate $\leq 200\text{mm}$, with a trench depth $\leq 3\text{m}$
- Separation layers and drainage blankets, when using D_{85} aggregate $\leq 200\text{mm}$, and the CBR is between 1 and 3
- Separation layers and drainage blankets, when using D_{85} aggregate $\leq 400\text{mm}$, and the CBR is ≥ 3
- Under rock armour revetment, when using D_{85} aggregate $\leq 200\text{mm}$

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GEOTEXTILES

AS640

TRANSIT NZ CLASSES

Strength Class E

Filtration Classes 1, 2, 3, 4

RECOMMENDED USES

- Separation layers and drainage blankets, when using D_{85} aggregate $\leq 400\text{mm}$, and the CBR is between 1 and 3
- Separation layers and drainage blankets, when using D_{85} aggregate $\leq 600\text{mm}$, and the CBR is ≥ 3
- Under rock armour revetment, when using D_{85} aggregate $\leq 400\text{mm}$





ISO 9001

BUREAU VERITAS
Certification



This product has been manufactured under the controls established by a Bureau Veritas certification approved management system that conforms with ISO 9001:2015. Bureau Veritas Certification certificate number NZ001832-2

**If a heavier grade of
DuraForce geotextile is
required please refer to
our TerraTex® K geotextile
range or contact Cirtex**



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GAIN MORE GROUND