



**DuraForce**<sup>®</sup>  
GEOTEXTILES

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# SELECTION GUIDE

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ISSUE NUMBER 03





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



# AS240

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## 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  $\geq 3$



# AS280

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## 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  $\geq 3$
- Drainage and separation behind retaining walls



# AS410

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## 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  $\geq 3$
- 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



# AS440

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## 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  $\geq 3$
- Under rock armour revetment, when using  $D_{85}$  aggregate  $\leq 200\text{mm}$



# AS640

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## 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  $\geq 3$
- Under rock armour revetment, when using  $D_{85}$  aggregate  $\leq 400\text{mm}$



# AS680

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## Transit NZ Classes

Exceeds all strength classes

Filtration Classes 1, 2, 3, 4

## RECOMMENDED USES

- Protection layer under geomembranes
- Protection layer under rock armour revetment





# AS740

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## Transit NZ Classes

Exceeds all strength classes  
Filtration Class 4

## RECOMMENDED USES

- Protection layer under geomembranes
- Protection layer under rock armour revetment



# AS1000

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## Transit NZ Classes

Exceeds all strength classes

Filtration Class 4

## RECOMMENDED USES

- Under rock armour revetment, when using  $D_{85}$  aggregate > 400mm