



# ACO Stainless

*Care, maintenance and compliance pack*

## Installation

### Care and Maintenance

Although robust, all grades of stainless steel will stain and discolour due to surface deposits and, as such, can never be accepted as completely maintenance free. In order to achieve maximum corrosion resistance, the surface of the stainless steel must be kept clean. Provided the grade of stainless steel and the surface finish are correctly selected, and cleaning schedules carried out on a regular basis, excellent performance and long service life are assured.

#### Factors Affecting Maintenance

Surface contamination and the formation of deposits must be prevented in order to maintain a durable and hygienic surface.

These deposits may be minute particles of iron or rust from other sources used on the building of new premises and not removed until after the stainless steel drainage products have been installed. Wire brushes and wire wool must not be used to remove marks and cement spillages as this will only serve to introduce iron impurities to the material surface. Care must also be taken when storing, erecting or cutting carbon steel near to stainless steel.

Industrial and even naturally occurring atmospheric conditions can produce deposits which can be equally corrosive, e.g. salt deposits from marine conditions.

The working environment can offer more aggressive conditions, for example the high humidity found in swimming pools increases the speed of discolouration and therefore requires maintenance on a more frequent basis.

Modern processes use many cleaners, sterilisers and bleaches for hygienic purposes. All these proprietary solutions, when used in accordance with makers instructions are safe, but if used incorrectly (e.g. warm or concentrated) can cause discolouration and corrosion on the surface of any quality of stainless steel.

Strong acid solutions are sometimes used to clean masonry and tiling of buildings but they should never be permitted to come into contact with metals, including stainless steel. If this should happen the acid solution must be removed immediately by copious applications of water.

#### Maintenance Programme

With care taken during fabrication and installation, cleaning before handing over to the client should present no special problems, although more attention may be required if the installation period has been prolonged.

Where surface contamination is suspected, immediate attention to cleaning after site fixing will encourage a trouble free product.

Food and beverage handling, pharmaceutical and chemical industry applications require extremely high levels of cleanliness applicable to each industry.

Advice is often sought concerning the frequency of cleaning stainless steel and the answer is quite simple: clean the metal when it is dirty in order to restore its original appearance. This may vary from once to four times a year for external applications or it may be once a day for an item in hygienic or aggressive situations.

Frequency and cost of cleaning is lower with stainless steel than with many other materials, and will often outweigh the initial higher cost of this superior product.

## Installation

### Care and Maintenance

#### Cleaning Methods

Stainless steel is easy to clean. Washing with soap or a mild detergent and warm water followed by a clear water rinse is usually quite adequate for many industrial applications. An enhanced aesthetic appearance will be achieved if the cleaned surface is finally wiped dry.

#### Precautions

Acids should only be used for on-site cleaning when all other methods have been proved unsatisfactory. Rubber gloves should be used and care taken to see that acid cleaners are not spilt over adjacent areas.

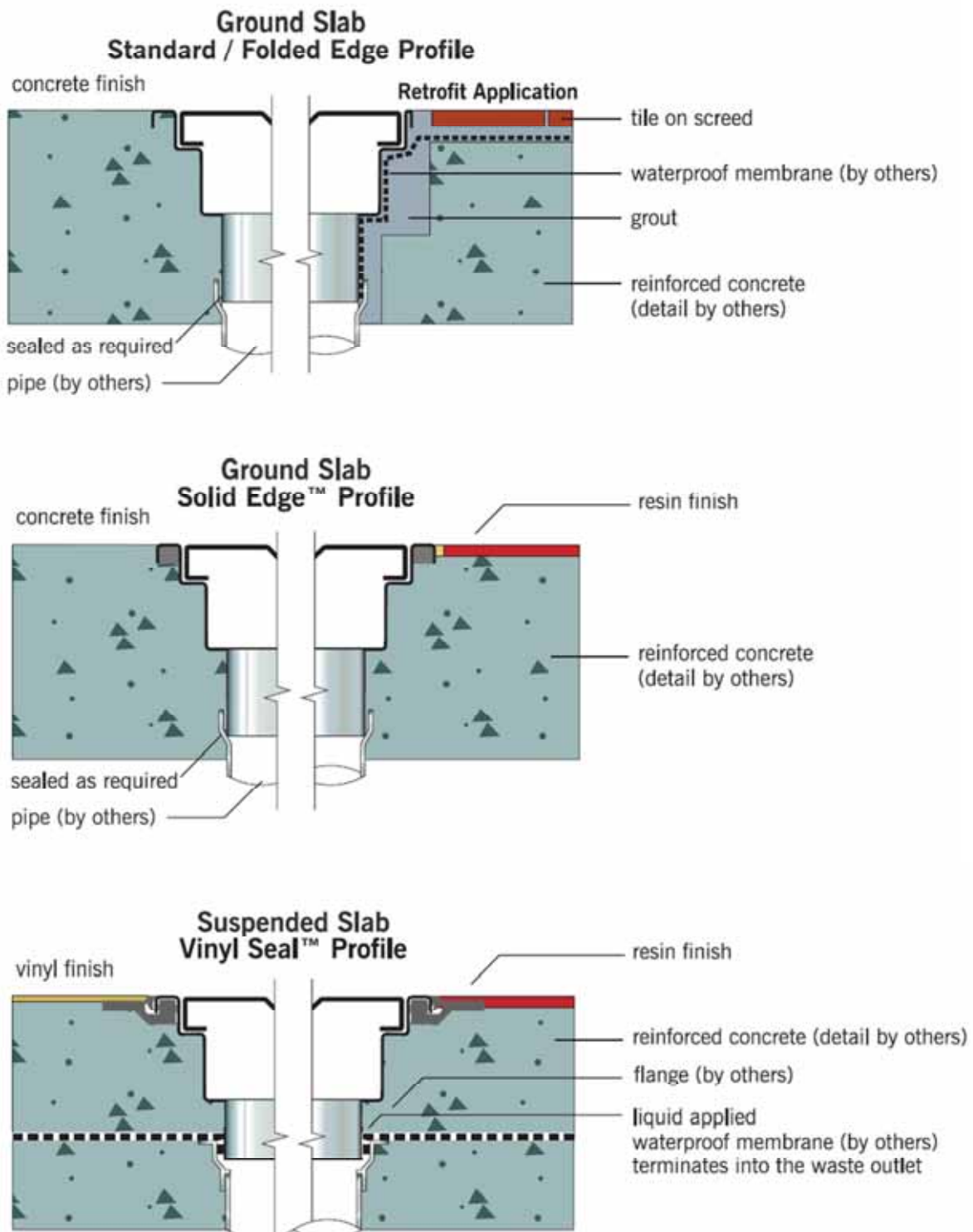
Special precautions are necessary with oxalic acid. Solvents should not be used in closed places without adequate ventilation. Smoking must be avoided when using solvent. Manufacturer's directions should be followed.

#### Conclusion

If all the suggestions and actions in the table below have been attempted, stainless steel has the facility to be mechanically cleaned by specialists on site.

Problem	Cleaning Agent	Comment
Routine cleaning, all finishes.	Soap or mild detergent and water (such as washing up liquid).	Sponge, rinse with clean water, wipe dry if necessary.
Fingerprints, all finishes.	Soap or warm water or organic solvent (e.g. acetone, alcohol).	Rinse with clean water, wipe dry if necessary.
Stubborn stains and discolouration.	Mild cleaning solutions (e.g. Jif, Goddard Stainless Steel Care).	Rinse well with clean water and wipe dry.
Oil and grease marks, all finishes.	Organic solvents (e.g. acetone, alcohol, trichloroethylene).	Clean after with soap and water, rinse with clean water and dry.
Rust and other corrosion products.	Oxalic acid. The cleaning solution should be applied with a swab and allowed to stand for 15–20 minutes before being washed away with water. May continue using Jif to give final clean.	Rinse well with clean water (precautions for acid cleaners should be observed).
Scratches on Brush (Satin) finish.	Household synthetic fibre scouring pads (e.g. Scotch Brite fibre pad).  For deeper scratches; apply in direction of polishing. Then clean with soap or detergent as per routine cleaning.	Do not use ordinary steel wool (iron particles can become embedded in stainless steel and cause further surface problems).

## Typical Installation Details



**These illustrations are to be used as a guide only.  
ACO recommend engineering advice  
is sought for specific projects.**

## ACO STAINLESS

### CUTTING STAINLESS STEEL GRATES

#### – ADVICE

Some Modular 100 and ACO Drain grates are available in 1000mm lengths only, occasionally, these grates will need to be modified on site to suit the individual application.

ACO recommends using an angle grinder with a minimum diameter of 125mm using an inox iron and sulphur free cutting disc. Using this equipment ensures that the grate need not be passivated post modification.

If a conventional cutting disk is used, it can contaminate the grate and cause rust spotting.

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## WaterMark Level 2

### Certificate of Conformity

Australian Certification Services Pty Ltd grants to the WaterMark User:

# ACO Polycrete Pty Ltd

Trading as ACO Polycrete Pty Ltd

the right to use the WaterMark as shown above in conjunction with the Certificate No. on product/s as identified in the WaterMark Schedule and as listed on the WaterMark database [www.abcb.gov.au/product-certification](http://www.abcb.gov.au/product-certification) which have been shown to comply with the relevant Standard/s and level of certification referred to below. The WaterMark User is granted a licence to use the WaterMark subject to the rules governing the use of the WaterMark.

Product Type: Waste Fittings  
Evaluated to: ATS 5200.040:2005 Waste pipe connection outlets and gratings separate or integral

Issue Date: 1<sup>st</sup> May 2015  
Initial Issue Date: 4<sup>th</sup> May 2012  
Expiry Date: 3<sup>th</sup> May 2018

Paul Greig  
General Manager

Certificate No.: 23120

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WaterMark Level 2 certification is a conformity assessment scheme based on ISO Guide 67 (system 1b)



**ACO POLYCRETE PTY LTD ACN. 050 102 942**  
**STANDARD TERMS AND CONDITIONS OF SALE**

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**1. DEFINITIONS AND INTERPRETATION**

- 1.1 In these Conditions
- |                    |   |
|--------------------|---|
| “ACO”              | ACO Polycrete Pty Ltd   |
| “the Buyer”        | the person whose order for the Goods is accepted by ACO   |
| “Goods”            | the goods or Bespoke Products the subject of the Contract   |
| “Bespoke Products” | Goods to be manufactured or processed by ACO to the specification of the Buyer                            |
| “Conditions”       | these standard terms and conditions of sale   |
| “Contract”         | the contract for the purchase and sale of the Goods   |
| “Writing”          | includes telex, cable, email, internet mail, facsimile transmission and comparable means of communication |
| “Drawings”         | a drawing or sketch not to scale but with essential measurements shown                                    |
| “Acceptance”       | a written acceptance of order sent by ACO to the Buyer  |

1.2 The headings in these Conditions are for convenience only and shall not affect their interpretation.

**2. BASIS OF SALE**

- 2.1 These Conditions shall govern any contract between ACO and the Buyer
- 2.2 A binding contract shall exist as soon as but only when ACO issues an Acceptance
- 2.3 ACO manufactures and supplies materials and is not an installer or sub-contractor and no monies may be held as retention, deferment or performance sureties
- 2.4 No addition variation or special terms altering these conditions is binding on ACO except by a statement in writing signed by a Director of ACO which statement must record the precise variation, addition or special term and must specifically state that the conditions are thereby varied. Such variation shall apply only to the individual transaction concerned
- 2.5 All descriptive particulars of weights, dimensions and performance supplied by ACO are approximate only and when contained or illustrated in catalogues, price lists advertising or other documents are intended merely to present a general idea of the Goods described unless otherwise stated

**3. ORDERS AND SPECIFICATIONS**

- 3.1 The buyer shall be responsible to ACO for ensuring the accuracy of the terms of any order (including any applicable specification submitted to ACO)
- 3.2 The quantity, quality, description and specification of the Goods shall be those set out in ACO's quotation or order confirmation
- 3.3 In the event of shortage of materials or parts for production of Goods ACO shall be entitled to substitute such other materials as it shall consider reasonably suitable for the purpose
- 3.4 ACO may change the specification of Goods to conform with safety or other statutory requirements which do not materially affect quality or performance
- 3.5 The Buyer shall ensure that the Goods are safe and without risk to health when used in the context required by the Buyer. The Buyer shall indemnify ACO against any claims which may be made against ACO arising from failure on the part of the Buyer to carry out this responsibility and for all costs and expenses incurred by ACO in dealing with such claim

**4. BESPOKE PRODUCTS - APPROVAL OF DRAWINGS**

- 4.1 Where necessary on Acceptance of order ACO shall in collaboration with the Buyer prepare Drawings for approval by the Buyer
- 4.2 The Buyer shall on receipt of Drawings check, sign and return a copy indicating approval or respond with comments and/or reasonable amendments
- 4.3 If the Buyer requires amendments ACO shall deliver revised Drawings to the Buyer as soon as reasonably possible and the steps in 4.1 and 4.2 shall be repeated until the Buyer has approved the Drawings by returning a signed copy
- 4.4 The return of signed Drawings is the Buyer's instruction to manufacture
- 4.5 If the Buyer requires amendment to the Drawings for a reason not specified at time of order ACO may make a reasonable additional charge and have additional time for delivery
- 4.6 The signed Drawing is the Buyer's specification. The Buyer warrants that use by ACO shall not infringe the intellectual property rights of any third party and the Buyer shall indemnify ACO against all costs and claims arising out of such use

**5. BESPOKE PRODUCTS SUBJECT TO TESTING AND ACCEPTANCE**

- 5.1 Bespoke Products fabricated on site or otherwise delivered shall be subject to immediate acceptance tests by the Buyer
- 5.2 If the Buyer has not sent written notice of defect to ACO within 7 days of delivery the Buyer shall be deemed to have accepted the Bespoke Products
- 5.3 If the Bespoke Products conform in all material ways to the Drawing or specification but the Buyer requires modification this shall be a new order at extra cost subject to a new acceptance and further time shall be allowed

**6. PRICE OF GOODS**

- 6.1 Except where agreed in writing to the contrary all prices are ex-ACO's warehouse and carriage will be charged extra
- 6.2 Prices quoted are for the exact size, quantity, quality and description of Goods in ACO's quotation and variations may incur additional charges
- 6.3 Prices are subject to revision at any time prior to delivery (including part orders) in the event of increases in cost beyond ACO's control
- 6.4 The cost of pallets and returnable containers will be charged extra to the Buyer unless returned undamaged to ACO before due payment date

**7. PAYMENT AND CREDIT STATUS**

- 7.1 Buyers are invited to apply for “approved credit status”. Buyers without approval credit status or who have exceeded ACO's credit terms must pay in full upon invoice prior to delivery
- 7.2 For Bespoke Products the price is payable one-third on acceptance of order one-third upon being notified that the Goods are ready for delivery and unless the Buyer has approved credit status one-third on delivery
- 7.3 Buyers who have approved credit status shall pay within one month of delivery
- 7.4 If the Buyer fails to make payment on time or if ACO has reasonable grounds for doubting that payment will be made on time then without prejudice to any other right or remedy available to ACO, ACO may:-
- 7.4.1 cancel the Contract or suspend deliveries;
- 7.4.2 appropriate any payment made by the Buyer to such of the Goods (or Goods supplied under any other contract with the Buyer) as ACO decides; and
- 7.4.3 charge interest (both before and after judgment) on all outstanding amounts at the rate of 5% per annum above National Australia Bank base rate from time to time compounded quarterly
- 7.5 Payment is due even if property in the Goods has not passed under condition 10
- 7.6 In addition to payment of the price of goods, the Purchaser is responsible for and the supplier may recover from the purchaser:
- 7.6.1 Any recovery/legal fees incurred by the Supplier in relation to a breach of these conditions by the Purchaser.
- 7.6.2 All cost of charges incurred by the Supplier with respect to the recovery or return of Goods from the Purchaser including any re-stocking charges, whether or not such recovery or return of Goods occurs in relation to any breach of these conditions

**8. DELIVERY**

- 8.1 Unless the Acceptance expressly provides otherwise delivery shall be made by the Buyer collecting the Goods at ACO's premises on ACO's notification that the goods are ready for collection
- 8.2 ACO may deliver Goods in instalments in any order. Each delivery is a separate contract and failure to deliver any one or more instalment in accordance with these Conditions or any claim by the Buyer in respect of any individual instalments shall not entitle the Buyer to reject any instalment or treat the contract as repudiated
- 8.3 In the event of failure to deliver ACO's liability shall be limited to the excess of the cost to the Buyer (in the cheapest available market) of similar goods to replace those not delivered over the price of the Goods
- 8.4 If the Buyer fails to take delivery of the Goods or fails to give ACO adequate delivery instructions then ACO may charge for storage and insurance until actual delivery and may resell the Goods. The Buyer shall be responsible for any shortfall below the price agreed for the Goods plus costs of storage, insurance, handling and sale

**9. DELIVERY DATES**

- 9.1 Delivery dates are estimated only and are not guaranteed. ACO will endeavour to meet the Buyer's delivery requirements but time shall not be of the essence and ACO shall not be liable for any loss or damage whether direct consequential or otherwise caused by delay in delivery

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**10. RISK AND PROPERTY**

10.1 Risk of damage to or loss of the Goods shall pass to the Buyer:

10.1.1 In the case of the Goods to be delivered at ACO's premises, at the time ACO notifies the Buyer the Goods are available for collection; or

10.1.2 In other cases at the time of actual delivery or, if the Buyer wrongfully fails to take delivery of the Goods, the time when ACO has tendered delivery of the Goods

10.2 Notwithstanding delivery and the passing of risk in the Goods, or any other provision of these Conditions, the property in the Goods shall not pass to the Buyer until ACO has received in cash or cleared funds full payment of the price of the Goods and all other goods agreed to be sold by ACO to the Buyer for which payment is then due

10.3 Until such time as the property in the Goods passes to the Buyer, the Buyer shall hold the Goods as ACO's fiduciary agent and bailee, and shall keep the Goods separate from those of the Buyer and third parties and properly stored, protected and insured and identified as ACO's property. Until that time the Buyer shall be entitled to resell or use the Goods in the ordinary course of its business, but shall account to ACO for the proceeds of sale or otherwise of the Goods, (including insurance proceeds), and shall keep all such proceeds separate from any moneys or property of the Buyer and third parties

10.4 Until such time as the property in the Goods passes to the Buyer (and provided the Goods have not been resold), ACO shall be entitled at any time to require the Buyer to deliver up the Goods to ACO and, if the Buyer fails to do so forthwith, to enter upon any premises of the Buyer or any third party where the Goods are stored and repossess the Goods

10.5 The Buyer shall not be entitled to pledge or in any way charge by way of security for any indebtedness any of the Goods which remain the property of ACO, but if the Buyer does so all monies owing by the Buyer to ACO shall (without prejudice to any other right or remedy of ACO) forthwith become due and payable

**11. SHORTAGES AND DAMAGE TO GOODS IN TRANSIT**

11.1 ACO shall have no liability in respect of Goods lost or damaged in transit. The buyer must note such loss or damage on the delivery receipt and file a freight claim with your nominated carrier within 48 hours of delivery or such shorter period as may be required by the carriers' condition of carriage.

11.2 The Buyer must note Missing materials on the delivery receipt and must be reported to ACO's Customer Service Department within 48 hours of receipt of shipment.

11.3 In the case of any defect which would not have been apparent to the Buyer on reasonable examination of the Goods on delivery the Buyer shall notify ACO of the defects in writing within 14 days of delivery.

**12. GUARANTEE**

12.1 Goods sold by ACO shall be of satisfactory quality but shall not be sold as fit for any particular purpose or as complying with any description unless the Buyer shall have informed ACO in writing that it is relying upon ACO's skill and judgement or upon such description and ACO shall have accepted such stipulation in writing signed by a Director

12.2 ACO will repair or replace any of the Goods or parts thereof in respect of which any defects arise from faulty materials or workmanship or (subject to clause 12.1 above) from ACO's failure

to supply Goods of the quality or specification ordered and are notified to ACO in writing within 6 months of the date of delivery provided all Goods have been paid for:-

12.2.1 That in the case of defects which would have been apparent to the Buyer on reasonable examination on delivery the Buyer shall notify ACO of the defects in writing within 14 days of delivery

12.2.2 That in the case of any other defects the Buyer shall notify ACO of the defects in writing within 14 days of the date when the defects became apparent

12.2.3 That the defective Goods are promptly returned carriage paid

12.3 Except insofar as any statute provides otherwise the undertakings contained in the preceding paragraphs of this clause are given in lieu of and to the exclusion of all conditions, warranties, and representations whether express or implied by statute or otherwise as to the quality of the Goods or their fitness for any particular purpose or conformity with any description or otherwise and ACO shall have no liability in respect of the Goods save as provided in paragraph 12.2 of this clause

12.4 Without prejudice to the foregoing ACO shall not be liable save as provided in 8.3 for any loss or damage (including economic and consequential loss) accruing to the Buyer or any third party in excess of the contract price and ACO's obligation shall be limited at ACO's option to the repair or replacement of the Goods or refunding the purchase price.

**13. FORCE MAJEURE - Notwithstanding any other provision of these Conditions**

13.1 ACO shall not be liable to the Buyer or be deemed to be in breach of contract by reason of any delay in performing, or failure to perform, any of ACO's obligations if the delay or failure was caused by act of God, war, riot, fire, strike, lock-out, Government control or regulation, abnormal weather conditions, accident, breakdown, shortage of materials or any other circumstances beyond ACO's control

**14. EXPORT TERMS**

14.1 The Buyer is responsible for all import Licences clearances duties and tariffs

14.2 Additional terms relating to exports may appear on quotation and acceptance

**15. GENERAL**

15.1 ACO is a member of the group of companies whose holding company is Severin Ahlmann Holdings GmbH, and accordingly ACO may perform any of its obligations or exercise any of its rights hereunder by itself or through any other member of its group, provided that any act or omission of any such other member shall be deemed to be the act or omission of ACO

15.2 Any notice required or permitted to be given by either party to the other under these Conditions shall be in writing addressed to that other party at its registered office or principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving the notice

15.3 If any provision of these Conditions is held by any competent authority to be invalid or unenforceable in whole or in part the validity of the other provisions of these Conditions and the remainder of the provision in question shall not be affected thereby

15.4 The contract shall be governed by the laws of New South Wales

15.5 These terms constitute all of the contract terms and conditions between the parties and supersede all prior discussion, representation or negotiation and subject only to any variation pursuant to clause 4 above

**16. TRUST**

16.1 If the Company is trading as a Trust the Trustee hereby confirms that as Trustee, the Trust does have the specific power to enter into the proposed credit arrangements.

**17. PERSONAL PROPERTY SECURITIES LAWS**

17.1 These terms create a purchase money security interest in the Goods and the Buyer must do all things reasonably required by the Seller to register and perfect that interest under the terms of the Personal Property Securities Act 2009 (Cth) (PSSA) or otherwise.

17.2 If the Seller repossesses the Goods Seller does not need to provide the Buyer with any notice under sections 130 or 135 of the Personal Property Securities Act 2009 (Cth)

17.3 The Buyer will, at the Seller's request, pay any or all of the Seller's costs and expenses, on an indemnity basis, related to registration and enforcement of any security interest related to these terms (including in relation to any security interest granted by a person guaranteeing the Buyer's performance of these terms) or related to ensuring the payment of the Buyer's overdue debt, commission and fees payable to a collection agency, solicitor or the like.