

UNILOG PRO 15 YEAR CHARTER TERMS & CONDITIONS



Unilog Pro 15 products carry a 15 year desired service life, following processing treatment in accordance with M&M Timber's strict quality procedures.

These procedures, developed in conjunction with Arch Timber Protection, are regularly audited to ensure the required standards are maintained. As part of the company's quality programme, all timbers undergo a kiln drying process to enable greater penetration of preservative treatment for long term protection in high hazard environments.

When specifying treated products it is important to refer to the Use Class required. For Unilog Pro 15 this is Use Class 4 (UC4). To ensure these products remain 'fit for purpose', installation should be carried out in line with the detailed guide shown below.

Max height above ground level	h	1400	1600	2000	2200
Unilog Pro timber diameter	d	100	125	150	200
Minimum width of concrete	b	500	625	750	1000
Minimum embedment depth	e	e=0.75h			
Unilog Pro is available in the following standard mm lengths: 300, 600, 900, 1000, 1200, 1500, 1800, 2100, 2400, 2700, 3000, 3300 and 3600mm.					
Other lengths available on request.			ALL DIMENSIONS IN MM		

Unilog Pro 15 Installation Guide



In conjunction with guidelines set out by TRADA Technology, M&M Timber has developed the following recommended procedures for designing and constructing earth retaining walls using Unilog Pro 15 timbers, in order to achieve the required 15 year service life.

The guide assumes average soil conditions as defined in M&M Timber's technical literature and a level ground surface in the retained soil (slope of 1 in 2 or less). A detailed copy of these calculations is available on request.

Contact M&M Timber for further information on 0333 003 5133.

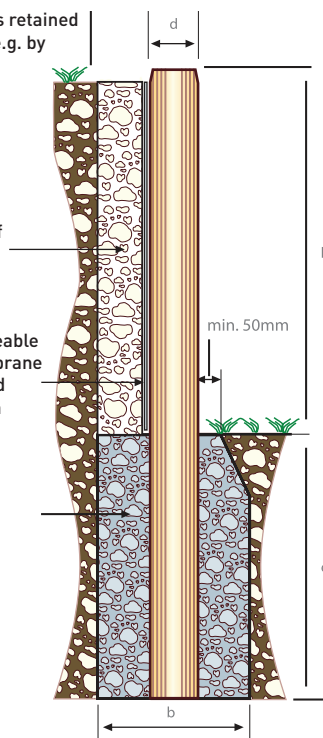
SECTION

Do not compress retained soil artificially. e.g. by heavy rolling.

Clean fill with stone to width of concrete base

The installation of a semi-permeable geotextile membrane between soil and Unilog Pro earth retaining wall is required.

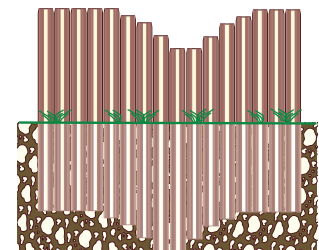
4:2:1 concrete left to cure for 48 hours prior to back filling



Bottom of trench to be cut clean, level and undisturbed.
A free draining levelling bed should be provided.

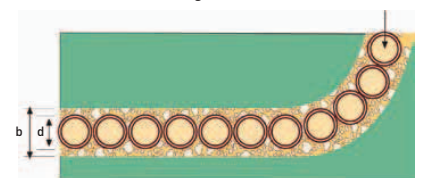
ELEVATION

Do not cut logs to length. The top of the earth retaining walls can be staggered, by adjusting the embedment depth of the standard timber lengths.



PLAN

Unilog Pro laid to line or radius



The legal validity of this report can only be claimed on presentation of the complete report. All pages of the original document are embossed with the TRADA Technology Limited name and logo.

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M&M TIMBER – CHARTER TERMS & CONDITIONS

In this Charter, the following definitions will apply:

Buyer:	means the person, firm or company who purchase the Goods from the Company
Company:	means M&M Timber - A Division of Forest Garden Ltd., a company registered in England and Wales with company number 01771349.
Failed Products:	means Goods which have failed as a result of Rot, Fungal Decay or Insect Attack within 15 years of supply by the Company to such an extent that such Goods are no longer fit for purpose.
Goods:	Unilog Pro 15 timber purchased by the Buyer from the Company.
Insect Attack:	means attack by wood destroying insects that destroy the timber structure, including but not limited to termites.
Replacement Product:	means Goods supplied by the Company in accordance with the terms of this Charter to replace a Failed Product.
Rot/Fungal Decay:	means attack by wood destroying fungi that disintegrate the wood cell walls but excluding staining fungi associated with the weathering of wood.

Words in the singular include the plural and in the plural include the singular.

1. This Charter applies to the following Goods:

1. Goods supplied and installed in the UK
2. Goods which are Failed Products only and not those Goods within the same order, batch, location or otherwise which are not Failed Products.

2. The Company shall, as its option, replace the Failed Product with a Replacement Product or provide a refund at the nett paid price excluding VAT in the form of a voucher than can be used against M&M goods through in respect of any Failed Product as follows:

Period in which the Goods have failed % price of Failed Products refunded

Up to 3 years from the date of purchase by the Buyer

110% of the price charged to the Buyer
(less any discounts or rebates) for the Failed Product

Between 3-7 years from the date of purchase by the Buyer

100% of the price charged to the Buyer
(less any discounts or rebates) for the Failed Product

Between 7-10 years from the date of purchase by the Buyer

50% of the price charged to the Buyer
(less any discounts or rebates) for the Failed Product

Between 10-15 years from the date of purchase by the Buyer

10% of the price charged to the Buyer
(less any discounts or rebates) for the Failed Product

3. The Company shall not be liable for any labour or other costs in relation to the removal of any Failed Product or the installation of any Replacement Product.
4. This Charter shall not apply to any Replacement Product.
5. The Buyer must give written notice to the Company of the Failed Products within 14 days of the time when the Buyer discovers, or ought to have discovered, that some or all of the Goods are Failed Products, and no later than 14 days after the expiry of the 15 year period, accompanied with proof of purchase and a sample of the Failed Product.
6. The Company shall not be liable for Goods which are Failed Products in any of the following events:
 - a. the Buyer has failed to follow the Company's instructions as to the installation, care and maintenance of the Goods in the Instruction Guide.
 - b. mechanical damage caused to Goods due to or as a result of industrial strimming, or physical damage.
 - c. weathering of wood including but limited to greying, raised grain, splitting, cracking, warping, shrinkage, swelling, or any other physical property of the wood.
 - d. timber degrade which is the result of the natural movement of wood in service, including weathering, twisting and splitting of components.
 - e. mould growth on treated wood products.

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