

**AN ROINN TALMHAÍOCHTA, BIA AGUS MARA
DEPARTMENT OF AGRICULTURE, FOOD AND THE MARINE**

July 2017

Procedure for inclusion in accepted list for
**S.109A - Load Bearing Wall Panels and A-segment Walls (bunker walls) for use in
Grain Stores.**

Any company wishing to become accepted for the provision Load Bearing Wall Panels or A-segment walls (bunker walls) for use in Grain Stores must provide the following information to the Department of Agriculture, Food and the Marine.

Details required:

1. Product(s) to be supplied.
2. Company Name.
3. Company address.
4. Contact Name and telephone number.
5. Detailed drawings of product.
6. Photographs of product.
7. Full dimensions of product (height of panel, length of panel and thickness of panelling).
8. Full details of reinforcement used in product (thickness, vertical spacing, horizontal spacing, no of layers, concrete cover).
9. Full design calculations. Design loadings shall be as set out in BS 5502 part 22.
10. Full details on maximum permitted total wall height, required structural support and required fixings for load bearing wall panels.
11. Full details of concrete mix used in production of product including, concrete strength, minimum cement content, water cement ratio, admixtures, fibres, aggregate size.
12. Evidence of certification to “EN 14992: Precast concrete products - Wall elements” for load bearing wall panels.
13. Evidence of certification to “EN 15258: Precast concrete products – Retaining wall elements” for A-segment walls (bunker walls).
14. Declaration of Performance for the products.
15. Evidence of certification to EN 206-1:2002 for plant producing concrete used in manufacture of wall panels if concrete is purchased. Certification is to be by a certified body accepted by The Department of Agriculture, Food and the Marine (e.g. N.S.A.I., B.S.I., Q.S.R.M.C).
16. Full details of placement procedures.
17. Guarantee given with the product.
18. Expected lifetime of the product.
19. Declaration that product will only be supplied to this standard.

Note: This acceptance will last for 5 years, after a period of 5 years on the list, it will be required for companies to under go a renewal process which will include the resubmission of the above data and evidence of having remained certified to the relevant standards for the previous 5 years and evidence of having produced the product to the agreed standard.

Details to be supplied to:

Engineering Unit, Nitrates, Bio-diversity and Engineering Division, Department of Agriculture, Food and the Marine, Pavilion A, Grattan Business Centre, Dublin Road, Portlaoise, Co. Laois, Ireland.