

Recycled aerated concrete granules

20 L | Staenis 00017

This sheet brings together Staenis practical advice and basic product data. Staenis experience and practical trials underpin its own application advice. General manufacturer data are presented separately, with the original documents available.

Staenis practical advice

Staenis uses aerated concrete granules as a dry, load-bearing levelling fill in a suitable dry-floor assembly. The substrate must be dry, stable and non-flexing. Fix the grid feet with PU foam, fill the grid, level the granules and compact them for stability.

Choose boards according to their function. Where OSB or Durelis forms the load-bearing deck, Staenis describes, among other options, a 22 mm board, preferably with the green dry-floor grid, or two layers of 12 + 18 mm with the black-and-yellow grid. With suitable dry-screed elements on compacted granules providing full support, 22 mm OSB is not automatically required: the selected system instructions determine whether direct placement or an intermediate board is suitable. For tiles, use appropriate dry-screed elements and their adhesive, primer and support requirements.

The existing Staenis figure of 1 tonne/m² relates to the complete grid, granule and board assembly described. This is Staenis system information from practical experience, not a separate value for loose granules or a general point-load rating.

Product data and manufacturer context

Dry granules made from recycled aerated concrete, sold in 20 L bags. The manufacturer's product page describes an average particle size of 2-6 mm and an approximate bag mass of 10 kg. It lists filling the Staenis grid as an application. Rounded bag mass and volume do not constitute a separate declared material density. This edition does not adopt performance data from the older sheet for the different 4/10 grade.

Application and points to note

Loads must be assessed for the complete assembly; this sheet does not approve any universal point load or floor load. Protect the granules against unwanted wetting and assess dryness before covering with boards. Limit dust generation and exposure during pouring. This product sheet is not a safety data sheet. The available older safety source is incomplete and does not demonstrate a complete safety assessment. Contact Staenis for the appropriate safe-use information.

Sources and complete instructions

[Manufacturer - product information and downloads \(NL\)](#)

[Staenis - system guide \(NL\)](#)

[Staenis - full product page and practical information](#)

Staenis is your contact for its application advice. This is a product and application sheet, not a complete translation of a manufacturer sheet, a safety data sheet or a declaration of performance. The customer's statutory rights remain unaffected.