

TECHNICAL DATA SHEET

FEBRUARY 2023

PRODUCT CODES - THE NUMBER BEAD | VERSION 1 – FEB2023

IRP is committed to promoting sustainable practices and encourages the responsible reuse, recycling, and disposal of all its products through local environmental recycling programs. The packaging of our beads is designed to minimize our carbon footprint.

CHARACTERISTICS	<p>IRP supply a comprehensive range of number profiles available in Acrylonitrile-styrene-acrylate (ASA) to suit requirements for external render systems. Primarily used as components in Wall Systems.</p> <ul style="list-style-type: none"> ● UV & weather resistant. ● 10mm in Depth Available in Black, Anthracite grey or White as standard ● with other colours made to order. THE NUMBER BEAD® are light weight, cost effective and easy to install. Profiles are made to shape to ● minimise waste from off cuts. ●
TECHNICAL DATA	<p>Acrylonitrile-styrene-acrylate (ASA) number profiles are used according to the requirements of the specific application. Available in various dimensions and colours applicable to the required application within each system. Complies with BS EN 13914-1:2016 and BS EN 13658-2:2005</p>
SUBSTRATE	<p>Can be surface mounted to various substrates for 10mm depth specified renders or fixed after base coat/1st pass has been applied prior to application of the 2nd pass on monocouche.</p>
APPLICATION	<p>Varying profiles perform specific applications within render and external wall insulated render systems.</p>
COMMON APPLICATIONS	<ul style="list-style-type: none"> ● THE NUMBER BEAD® profile(s) is/are generally fixed to the substrate, insulation, surface of the base coat/scratch coat or onto the 1st pass of monocouche render using the appropriate render material specified for application. The basecoat ● adheres THE NUMBER BEAD® in place, although Firtree fixing pins can be used to hold the beads in situ while render is applied. Interlock numbers in the required ● order using the interlock design on the base of the profile.

	<ul style="list-style-type: none"> ● Level THE NUMBER BEAD® using a boat level. Application of render using a ● trowel or projection applied methods. Render is to finish in line with the ● surface of the profile. Remove protective tape once the render has set being ● cautious not to disturb the curing process.
PROFILES AND ACCESSORIES	<p>Acrylonitrile-styrene-acrylate (ASA) profiles and accessories.</p>
STORAGE	<p>Store in a dry area, taking care to support the profiles to avoid any distortion occurring.</p>
CERTIFICATES/ APPROVALS	<p>UL94 flame classification.</p>
IDENTIFICATION	<p>THE NUMBER BEAD® profiles are supplied in numbers 0,1,2,3,4,5,6,7,8,9 on a base plate at a total depth of 10mm.</p>
DISPOSAL	<p>Recycle Acrylonitrile-styrene-acrylate (ASA) number profile waste using local recycling programs. Ensure proper disposal according to local landfill regulations.</p>
DISCLAIMER	<p>Please note that the information provided in this Technical Data Sheet serves as a guide for safe use, storage, and handling of the product. It is accurate to the best of our knowledge and understanding at the time of publication, but no guarantee of accuracy is given. The information pertains only to the designated material and may not be applicable to its use in combination with other materials or processes.</p> <p>Our application recommendations, whether verbal, written, or visual, are based on current knowledge and best practices. Values and quantities provided are approximate. These recommendations are not a legally binding warranty of quality and should not be relied upon as such.</p> <p>The purchaser is responsible for testing the product and complying with relevant regulations, laws, and technical guidelines. No liability claims can be based on these recommendations, and the provisions of product liability law remain in effect.</p> <p>Please note that publication of a revised version of this Technical Data Sheet due to technical advancements invalidates all previous versions.</p>

ACCELERATED WEATHERING - (QUV) TEST RESULTS.

- No visible deterioration over 2000h QUV exposure.
- Gloss levels increased by 11% over 2000h QUV exposure.
- The colour change is 1.47 (dE2000) on average between sides over 2000h QUV exposure.

