

| Brick Dimensions  | Block Configuration | Block Face | No. Per Pack          | Weight Per Pack |
|-------------------|---------------------|------------|-----------------------|-----------------|
| 440 x 215 x 215mm | Hollow              | Acoustic   | 40 (4m <sup>2</sup> ) | 1000kg          |

## Colinwell Acousta Tex Acoustic Masonry – AT215 Unit

|                                      |  |
|--------------------------------------|--|
| <b>Product Type</b>                  | Concrete Acoustic Facing Block   |
| <b>Manufacture</b>                   | Manufactured in accordance with BS EN 771-3: 2011  |
| <b>Specification</b>                 | Specified in accordance with BS EN 771-3: 2011   |
| <b>Size</b>                          | 440 x 215 x 215mm which complies with BS EN 771-3: 2011  |
| <b>Weight</b>                        | 25kg   |
| <b>Compressive Strength</b>          | 15N/mm <sup>2</sup>  |
| <b>Water Absorption</b>              | Less than 6%   |
| <b>Water Absorption by capillary</b> | <85G/m <sup>2</sup> /s <sup>0.5</sup>  |
| <b>Drying Shrinkage</b>              | Not exceeding 0.04%  |
| <b>Density</b>                       | 2100Kg/m <sup>3</sup>  |
| <b>Shear Bond Strength</b>           | 0.15/mm <sup>2</sup>   |
| <b>Thermal Conductivity</b>          | 1.28 Wm.K [@ 5% m/c]   |
| <b>Efflorescence</b>                 | The low salt content of the materials used in manufacturing Colinwell Acousta Tex Acoustic Masonry Blocks ensures the elimination of this problem. |
| <b>Durability</b>                    | F2 (sever exposure)  |
| <b>Tolerance</b>                     | D2 (+1-3mm in all directions)  |
| <b>Soluble Salts</b>                 | S2   |
| <b>Mortars and Expansion Joints</b>  | Please refer to BS 5628-2:2005   |
| <b>Bed Reinforcement</b>             | Please refer to BS 5628-2:2005   |
| <b>Installed to</b>                  | Please refer to BS 5628-2:2005   |
| <b>NBSPlus</b>                       | F10 255  |

## Sustainability

|                               |  |
|-------------------------------|--|
| <b>Recyclability</b>          | 100% Recyclable  |
| <b>Energy</b>                 | 100% renewable energy  |
| <b>Water</b>                  | 100% water comes from an on site ground source well                                  |
| <b>Recycled Content</b>       | 65% recycled secondary aggregate content   |
| <b>Sourcing</b>               | Aggregates sourced within a 30 radius of the manufacturing plant                     |
| <b>Manufacturing Location</b> | Produced in Northern Ireland   |
| <b>Accreditations</b>         | ISO9001 – Quality Management Accreditation<br>ISO14001 – Environmental Accreditation |