

Progress Measured October 2018

COST

The cost of building a new home of any given size

CAPITAL COST

£/m²BENCHMARK¹

1850

2020 TARGET

1480

PROGRESS



PRELIMS COST PER HOME BUILT

BENCHMARK²

TBC %

2020 TARGET

TBC %

PROGRESS



HOMES COMPLETED /YEAR

The number of completely new homes created per year in the UK

NUMBER OF HOMES

Homes per year

BENCHMARK³

146,909

2020 TARGET

300,000

PROGRESS



SUSTAINABILITY

How environmentally friendly new homes are, both in construction and in use

EMBODIED CARBON

kgCO₂e/m²BENCHMARK⁴

875

2020 TARGET

700

PROGRESS



EPC RATING

Integer

BENCHMARK⁵

B

2020 TARGET

A

PROGRESS



WASTE GENERATED

m³/£100k project valueBENCHMARK⁶

10.2

2020 TARGET

8.2

PROGRESS



QUALITY

The freedom from faults of new homes when they are handed over to the customers

QUALITY RATING

BENCHMARK⁷

99.4 %

2020 TARGET

99.5 %

PROGRESS



ISO 9001

BENCHMARK⁸

TBC %

2020 TARGET

TBC %

PROGRESS



TIME

The time taken to create a new home, from the day that workers first arrive on site, to handover of the habitable building

TIME ON SITE

days/m²BENCHMARK⁹

0.17

2020 TARGET

0.14

PROGRESS



SMART

How efficiently human labour is used in the creation of new homes

PMV

BENCHMARK⁹

40%

2020 TARGET

50%

PROGRESS



PRODUCTIVITY

£/man hour

BENCHMARK¹⁰

£26

2020 TARGET

£31

PROGRESS



BIM LEVEL 2+

BENCHMARK¹¹

TBC %

2020 TARGET

TBC %

PROGRESS



SAFETY

How effectively the wellbeing of the workers building new homes is protected on site

SAFETY

Injuries per million hours worked

BENCHMARK¹²

2.24

2020 TARGET

1.79

PROGRESS



BENCHMARK SOURCES

- 1 BuildOffsite, 19/01/2018
- 2 Source TBC, 19/01/2018
- 3 bresmartsite.com/products/smartwaste, 19/01/2018
- 4 rics.org/Global/Methodology_to_calculate_embodied_carbon_1st_edition_PGguidance_2014.pdf, 19/01/2018
- 5 gov.uk/government/statistical-data-sets/live-tables-on-energy-performance-of-buildings-certificates, 19/01/2018
- 6 BRE SmartWaste data, 19/01/2018
- 7 NHBC Data, 19/01/2018
- 8 NHBC Survey to be carried out, 19/01/2018
- 9 CLC Measures Group agreed figure from information from Mark Farmer, 28/03/2018
- 10 ons.gov.uk/employmentandlabourmarket/peoplein-work/labourproductivity/datasets/annualbreakdownofcontributionswholeconomyandsectors, 19/01/2018
- 11 NHBC Survey to be carried out, 19/01/2018
- 12 HSE RIDIND data and ASHE data for hours worked, 19/01/2018