

Progress Measured December 2019

## COST

The cost of building a new home of any given size

## CAPITAL COST

£/m<sup>2</sup>BENCHMARK<sup>1</sup>

1265

2020 TARGET

1010

PROGRESS

XX%

## PRELIMS COST PER HOME BUILT

BENCHMARK<sup>2</sup>

12.75%

2020 TARGET

12%

PROGRESS

XX%

## HOMES COMPLETED /YEAR

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

## NUMBER OF HOMES

Homes per year

BENCHMARK<sup>3</sup>

149,342

2020 TARGET

300,000

PROGRESS

+1.6%

## QUALITY

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

## QUALITY RATING

BENCHMARK<sup>7</sup>

99.4%

2020 TARGET

99.5%

PROGRESS

0%

## ISO 9001

BENCHMARK<sup>8</sup>

TBC

2020 TARGET

TBC

PROGRESS

XX%

## SUSTAINABILITY

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

## EMBODIED CARBON

kgCO<sub>2</sub>e/m<sup>2</sup>BENCHMARK<sup>4</sup>

935

2020 TARGET

750

PROGRESS

XX%

## EPC RATING

Integer

BENCHMARK<sup>5</sup>

B

2020 TARGET

A

PROGRESS

0%

## WASTE GENERATED

m<sup>3</sup>/£100k project valueBENCHMARK<sup>6</sup>

10.8

2020 TARGET

8.2

PROGRESS

-5.5%

## 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/m<sup>2</sup>BENCHMARK<sup>6</sup>

0.18

2020 TARGET

0.14

PROGRESS

-5.5%

## SMART

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

## PMV

BENCHMARK<sup>9</sup>

40%

2020 TARGET

50%

PROGRESS

0%

## PRODUCTIVITY

£/man hour

BENCHMARK<sup>10</sup>

£27

2020 TARGET

£31

PROGRESS

+2.2%

## BIM LEVEL 2+

BENCHMARK<sup>11</sup>

TBC

2020 TARGET

TBC

PROGRESS

XX%

## HEALTH &amp; SAFETY

How effectively the wellbeing of the workers building new homes is protected on site, and enhanced for the occupants via design of the home

## SAFETY ON SITE

Injuries per million hours worked

BENCHMARK<sup>12</sup>

2.06

2020 TARGET

1.79

PROGRESS

+8.4%

## HEALTH &amp; WELLBEING

% of homes completed

BENCHMARK<sup>13</sup>

0.17%

2020 TARGET

0.34%

PROGRESS

+51%

## BENCHMARK SOURCES

1. RICS BCIS residential cost data, 2019
2. RICS BCIS residential cost data, 2019
3. NHBC annual report, 2018-19
4. RICS Building Carbon database, 2019

5. gov.uk/government/statistical-data-sets/live-tables-on-energy-performance-of-buildings-certificates
6. BRE SmartWaste data, 2019
7. NHBC Data, 2019
8. Data unavailable

9. CLC Measures Group agreed figure from information from Mark Farmer
10. ons.gov.uk/employmentandlabourmarket/peopleinwork/labourproductivity/datasets/annualbreakdownofcontributionswholeeconomyandsectors

11. Data unavailable
12. HSE RIDIND data and ASHE data for hours worked, 2018
13. Passivhaus Trust, 2019