

6 RADIUS OPTIONS MAKE BUILDING WITH CURVES EASIER THAN EVER!

BuildRadius
CURVED CORNER SYSTEM

ICF WALL & POOL FORMS



BuildBlock and BuildRadius forms make it easy to build energy-efficient pools, southwest style homes, bay windows, circular staircases, and other unique design options for any ICF project.



BUILDRADIUS ADVANTAGES

- BuildRadius forms create seamless interlocking 90° radius arcs in 2', 4', 8', 12', 16', or 20' options.
- ICF pools are highly insulated, which reduces heating costs saving up to 40% annually and providing a comfortable, durable, and long-lasting pool.
- ICF pools can be built faster and more cost-effectively than traditional pool construction by professionals or DIY with designs both simple and complex. Visit our online training and pool engineering for more information.
- ICF pools are easy to finish and require less maintenance than other types of pools. They resist algae growth and other forms of damage.
- ICF pools offer better comfort and cost-effectively extend the swimming season.
- BuildRadius forms have the same block features as BuildBlock ICFs including 6" web spacing, tight interlock and 450lb. high-density attachment points.

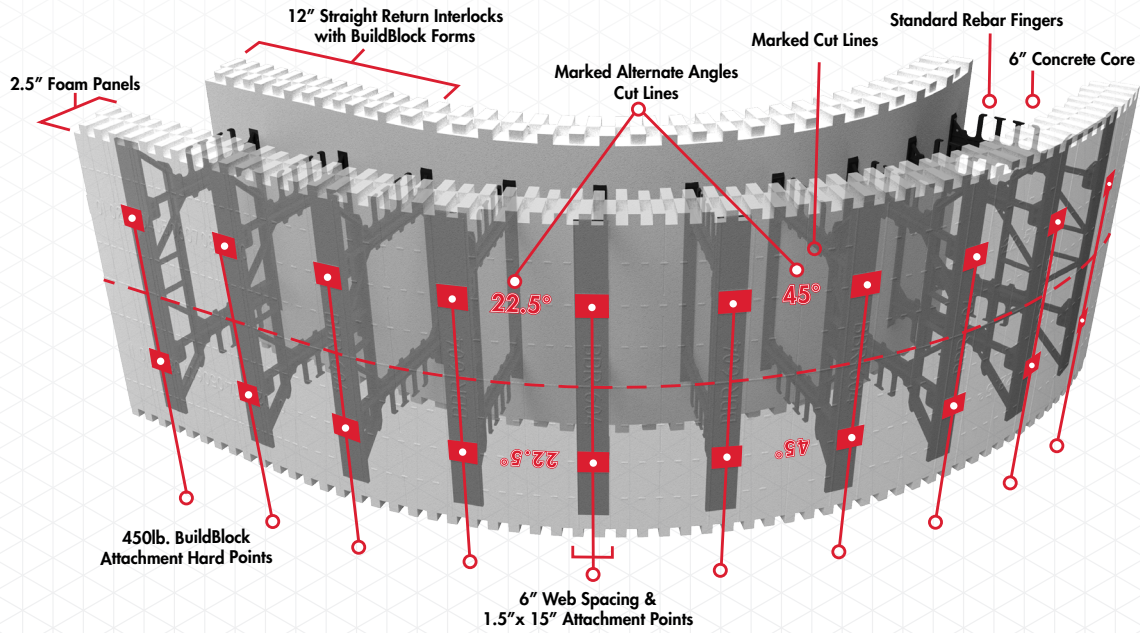








BuildBlock
BUILDING SYSTEMS

BUILDBLOCK.COM | 866-222-2575

BUILDRADIUS 4-FOOT ARC RADIUS BLOCK

ICF WALL & POOL FORMS



SPECIFICATIONS						
PRODUCT ID	BBR-602	BBR-604	BBR-608	BBR-612	BBR-616	BBR-620
90° ARC LENGTH	2ft / 60.96 cm	4ft / 121.92 cm	8ft / 243.84 cm	12ft / 365.76 cm	16ft / 487.68 cm	20ft / 609.6 cm
BLOCK ANGLE	90°	90°	22.5°	15°	11.25°	9°
OUTER ARC LENGTH	24 in / 60.96 cm	48 in / 121.92 cm	24 in / 60.96 cm	24 in / 60.96 cm	24 in / 60.96 cm	24 in / 60.96 cm
INNER ARC LENGTH	20.1875 in / 51.27 cm	30.68 in / 77.94 cm	19.75 in / 50.16 cm	21.125 in / 53.65 cm	21.8125 in / 55.40 cm	22.25 in / 56.51 cm
STRAIGHT LEG	18 in / 6 in 45.72 cm / 15.24 cm	12 in / 0 30.48 cm / 0	0	0	0	0
PANEL HEIGHT	16 in / 40.64 cm	16 in / 40.64 cm	16 in / 40.64 cm	16 in / 40.64 cm	16 in / 40.64 cm	16 in / 40.64 cm
OUTER PANEL SURFACE AREA	5.333 ft ² 0.4951 m ²	6.667 ft ² 0.6193 m ²	2.667 ft ² 0.2477 m ²	2.667 ft ² 0.2477 m ²	2.667 ft ² 0.2477 m ²	2.667 ft ² 0.2477 m ²
INNER PANEL SURFACE AREA	4.19 ft ² 0.4561 m ²	4.743 ft ² 0.4406 m ²	2.194 ft ² 0.2038 m ²	2.347 ft ² 0.2180 m ²	2.424 ft ² 0.2251 m ²	2.472 ft ² 0.229 m ²
CONCRETE VOLUME	0.056296 yd ³ 0.043041 m ³	0.105645 yd ³ 0.080771 m ³	0.045099 yd ³ 0.03448 m ³	0.04642 yd ³ 0.035490 m ³	0.04715 yd ³ 0.036048 m ³	0.047606 yd ³ 0.036397 m ³
OUTER DIAMETER	2.55 ft. / 30.56 in 77.72 cm	5.09 ft. / 61.12 in 155.14 cm	10.19 ft. / 122.23 in 310.59 cm	15.28 ft. / 183.35 in 465.73 cm	20.37 ft. / 244.46 in 620.88 cm	25.46 ft. / 305.58 in 776.02 cm
OUTER RADIUS	1.27 ft / 15.28 in 38.81 cm	2.55 ft / 30.56 in 77.724 cm	5.09 ft / 61.12 in 155.14 cm	7.64 ft / 91.67 in 232.87 cm	10.19 ft / 122.23 in 310.59 cm	12.73 ft / 152.79 in 388.01 cm
INNER DIAMETER	0.71 ft / 8.5 in 21.64 cm	3.26 ft / 39.125 in 99.36 cm	8.35 ft / 100.25 in 254.51 cm	13.45 ft / 161.375 in 409.96 cm	18.54 ft / 222.5 in 565.1 cm	23.63 ft / 283.625 in 720.24 cm
INNER RADIUS	0.36 ft / 10.97 cm	1.63 ft / 49.68 cm	4.18 ft / 127.41 cm	6.72 ft / 204.82 cm	9.27 ft / 282.54 cm	11.82 ft / 360.27 cm
CIRCUMFERENCE	8 ft / 2.4384 m	16 ft / 4.8768 m	32 ft / 9.7536 m	48 ft / 14.6304 m	64 ft / 19.5072 m	80 ft / 24.384 m
EPS FOAM DEPTH	2.5" / 5" Total 6.35 cm / 12.7 cm Total	2.5" / 5" Total 6.35 cm / 12.7 cm Total	2.5" / 5" Total 6.35 cm / 12.7 cm Total	2.5" / 5" Total 6.35 cm / 12.7 cm Total	2.5" / 5" Total 6.35 cm / 12.7 cm Total	2.5" / 5" Total 6.35 cm / 12.7 cm Total

00-MM-2106 Revised 01-2023