

armor name/set name	armor points	mod	full wither iron crossbow and bolts damage
terrasteel	20	botania	8.400001
desh	24	galacticraft	8.400001
thaumium fortress	19	thaumcraft/addons	8.400001
supercharged onyx	20	silent gems	8.400001
diamond	20	minecraft	8.400001
flux-infused	20	thermal expansion	8.400001
shadow steel	18	metallurgy	8.400001
spectre	22	randomthings	8.400001
dark	15	ender io	8.400001
travlers	12	tinkers	8.400001
		machinmusespowera	
power armor	15	rmor	8.400001

full wither iron rapier damage	full wither iron longbow and arrows damage
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4	3.9315505
4	2.3
4	4.0677104
4	3.5036345
4	3.636355
4	3.4963128
4	4.7636376
4	2.0154037
4	7.325272
4	10.107675
4	7.305187

notes

all ranged weapons tested at 5 blocks away