



# STEEL FOUNDRIES APPLICATIONS

## CHART 1/2

Color Identification	Alloy on Backing Plate in Millimeters	Product Grade	Total Average Thickness	PALLETIZING PLANTS	SINTER SCREENS	COKE SCREENS	FEED BINS
	5 on 5	HC 1650 HC 1670 HC 1660	3/8"		APK	APK	APK
	6 on 7	HC 1650 HC 1670 HC 1660	1/2"	ABCE126*9 APKQ	ABCE126*9	AKJ1236*8 AKFENJ1236*8 AKGJ1236*8	APK
	10 on 9	HC 1650 HC 1670 HC 1660	3/4"	ABCE126*9	ABCE126*9*8 ABFENCE126*9*10	AKJ1236*8 AKFENJ1236*8 AKJG1236*8*9	ABC12*9
	16 on 11	HC 1650 HC 1670 HC 1660	1"		ABCF1239 APKQ	AKJ1236*8 AKJ1236*8*9	ABC124*9 APKQ
	20 on 11	HC 1650 HC 1670 HC 1660	1 1/4"	APK	APKQ	APKQ	ABC124*9
	24 on 11	HC 1650 HC 1670 HC 1660	1 3/8"	APKQ	APKQ	APKQ	APKQ
	39 on 11	HC 1650 HC 1670 HC 1660	2"	APK	APK	APKQ	
	50 on 11	HC 1650 HC 1670 HC 1660	2 3/8"	APK	APKQ	APK	AKBFEGN6*8*9*10

## APPLICATION TYPE

- A Standard replacement wear plate
- B Extreme wear application
- C Extended life cycles up to 3 times over AR 400
- D Extended life cycle up to 9 times AR plate
- E Medium impact with abrasion
- F Extreme abrasion
- G High impact with abrasion
- H High heat application
- I Under 700 celsius heat environment
- J Replaces white iron castings
- K Replaces general wear castings
- L Disposable chutes
- M Low impact
- N Medium impact
- O Low coefficient friction to reduce hang up
- P Under development for application
- Q Call for tech support

## FIXING TYPE

- 1 Perimeter welding fixing and plug weld
- 2 Plasma cutting only 0-400 amps
- 3 Formable for bending pipe
- 4 Backing plate stud fixings
- 5 Counter sunk holes
- 6 All fastening fixings 1 to 5
- 7 Moderate bending
- 8 Standard finish
- 9 Available in mill finish
- 10 Available in polished finish



# STEEL FOUNDRIES APPLICATIONS

**CHART  
2/2**

Color Identification	Alloy on Backing Plate in Millimeters	Product Grade	Total Average Thickness	DISTRIBUTION	BLAST
				CHUTES	FURNACES
	5 on 5	HC 1650 HC 1670 HC 1660	3/8"	APK	APK
	6 on 7	HC 1650 HC 1670 HC 1660	1/2"	ABC1234*9 ABC1234*9*10*8	ABIC123*9
	10 on 9	HC 1650 HC 1670 HC 1660	3/4"	ABC1234*9	ABCI123*9 AKFEINJ1236*8
	16 on 11	HC 1650 HC 1670 HC 1660	1"	ABC1234*9 APKQ	APK
	20 on 11	HC 1650 HC 1670 HC 1660	1 1/4"	ABC1234*9 AKFENJ1236*8	APK
	24 on 11	HC 1650 HC 1670 HC 1660	1 3/8"	APK	
	39 on 11	HC 1650 HC 1670 HC 1660	2"	APK	APKQ
	50 on 11	HC 1650 HC 1670 HC 1660	2 3/8"	APK	

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