



Paint cycle time Vs Flow rate calculation sheet

Note: Please fill the detail accurately for calculation

(A) PROJECT NAME / CUSTOMER LINE DETAIL

Production Volume per/ Hour:
Available painting time:
Line Speed:
Types /Models Nos.:
Work Envelop:
Total Surface area:
Length:
Width:
Height:
No of Robots:
No of Booth:
Film Dry method-oven bake/Air Dry:

(B) PRODUCT TRANSPORT

Type of Product -Metal/Plastic/Ceramic :
Transportation time:
Pitch- Skid/Hanger:
Mode of transport -Conveyor /Stop and GO:

(C) APPLICATION DETAIL :

Application Paint Type -2K/1K:
Paint type -Solvent /Waterborne:
Application coat type -Primer/Top coat:
Application method-Gun /Atomizer:
Paint Solid Content:
Gun/Atomizer type:
Min. Paint Flow rate:
Max. paint Flow rate:
Application Movement Type-Vertical/Horizontal:
Robot Movement Cycle time Home to Home:
Film build micron:
Application area External /internal:

(D) SPRAY TECHNICAL DETAIL

Spraying distance:
Spray Fan diameter:
Distance between spray paths:
Robot TCP speed:

(E) APPLICATION SYSTEM AND MACHINE DATA

Colour change time:
Cleaning /flush Time:
Overlapping areas: