

Plasrefine

Can a fire be effectively contained
and extinguished?

Rory Matthews - Bowral



Capital Valley Plastics in Blaenavon, Torfaen.



Richmond Indiana April 2023

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Once lit, plastic fires are incredibly tough to put out, and officials say the plant will burn for several more days.



IT WAS SO BIG IT THREATENED



Richmond Indiana – plastics recycling plant, April 2023

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Footprint of plant similar to Plasrefine





Type of waste material	Burn temperature	Fire risk
Paper and cardboard	850°C	Ordinary
Wood products	860°C	Ordinary
Plastic	1,200°C	High
Rubber	1,130°C	High
Refuse derived fuels	900°C	Ordinary
Solid recovered fuels	950°C	Ordinary

Table 1 Typical burn temperature and fire risk of combustible waste material

Access ring road – requirements, minimum 6m wide for specialist fire appliances

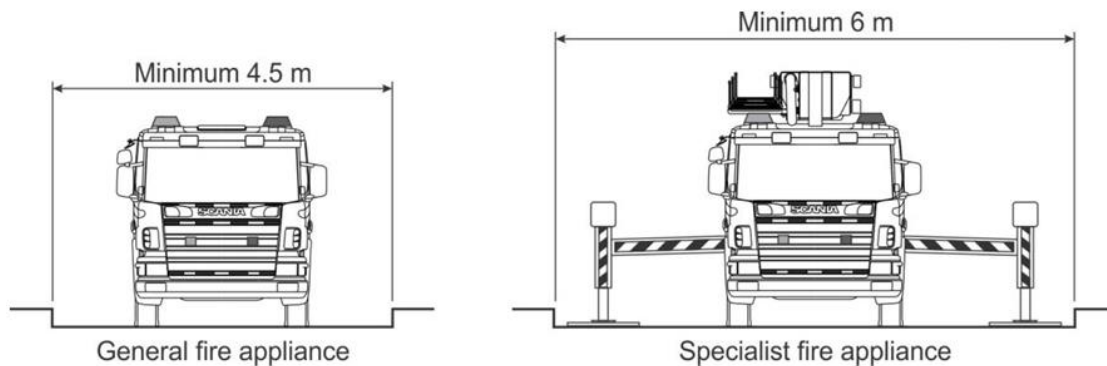


Figure 3 Minimum carriageway width (straight section)

