

## ODOT CONCRETE PATCHING MATERIAL QUESTIONNAIRE

**Please provide the following information and include it with your submittal forms.**

The COMPLETE name of the product:

The COMPLETE name of the manufacturer including parent company (example: XYZ a division of ABC):

The old name of the manufacturer if the name has changed within the last 5 years:

The contact information for the sales representative for Oregon

Name:

Address:

City:

State:

Zip code:

E-mail:

Phone:

FAX:

### **Please answer the following questions**

1. Is the material compatible with existing magnesium phosphate patches, assuming the repair/substrate is sound?

Yes       No

2. Is the material compatible with existing epoxy-based patches, assuming the repair/substrate is sound?

Yes       No

3. Is the material compatible with existing microsilica concrete, assuming the substrate is sound?

Yes       No

4. Is the material compatible with existing latex-modified concrete, assuming the substrate is sound?
- Yes       No
5. Is the material suitable for use on a dry substrate?
- Yes       No
6. Is the material suitable for use on a saturated, surface dry substrate?
- Yes       No
7. Is the material suitable for use on a saturated substrate with no standing water, but wet to the touch?
- Yes       No
8. Can this material be successfully applied to a horizontal surface without formwork?
- Yes       No
9. Can this material be successfully applied to a vertical surface without formwork?
- Yes       No
10. Can this material be successfully applied to an overhead surface without formwork?
- Yes       No
11. Without special precautions can this material be successfully applied in a single application when the repair depth is less than 6 mm (1/4 inch)?
- Yes       No
12. Without special precautions can this material be successfully applied in a single application when the repair depth is more than 6 mm but less than 50 mm (1/4 to 2 inches)?
- Yes       No
13. Without special precautions can this material be successfully applied in a single application when the repair depth is greater than 50 mm (2 inches)?
- Yes       No

14. Without special precautions can this material be successfully applied in a single application when the repair depth is greater than 250 mm (10 inches)?

Yes       No

15. Can this material be successfully applied when the repair area is less than 0.5 m<sup>2</sup> (5 ft<sup>2</sup>)?

Yes       No

16. Can this material be successfully applied when the repair area is more than 0.5 m<sup>2</sup> but less than 2 m<sup>2</sup> (5 to 20 ft<sup>2</sup>)?

Yes       No

17. Can this material be successfully applied when the repair area is greater than 2 m<sup>2</sup> (20 ft<sup>2</sup>)?

Yes       No

18. Under typical application conditions (20°C or 70°F), what is the working time of this material? (Select one)

Less than 15 minutes  
 Between 15 and 45 minutes  
 More than 45 minutes

19. Under typical application conditions (20°C or 70°F), how much time will it take for this material to reach a compressive strength of 20 MPa (3000 psi)? (Select one)

Less than 3 hours  
 Between 3 and 24 hours  
 More than 24 hours

20. Can this material be sprayed?

Yes       No

21. Can this material be pumped?

Yes       No

22. Can the material be used with formwork?

Yes       No

23. What is the recommended duration of curing?

Less than 3 hours

- Between 3 and 24 hours
- More than 24 hours

24. Is the material suitable for use when steel reinforcement is exposed in the area to be repaired?

- Yes
- No

25. Can this material be successfully used in applications subjected to repeated freeze/thaw cycles?

- Yes
- No

26. When fully cured/set does this material resemble typical portland cement concrete in color?

- Yes
- No

27. At a later time, can this material be successfully overlaid with portland cement concrete?

- Yes
- No

28. At a later time, can this material be successfully overlaid with microsilica cement concrete?

- Yes
- No

29. At a later time, can this material be successfully overlaid with latex-modified concrete?

- Yes
- No

30. At a later time, can this material be successfully overlaid with asphalt concrete?

- Yes
- No

Feel free to provide any comments